

CipherTrust Cloud Key Manager REST API Documentation

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Access

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UserInfoController

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AggregationController

GET /aggregate

Up

Gets the aggregation metrics (runAggregationUsingGET)

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
401
Unauthorized
403
Forbidden
404
Not Found

AwsKeyEntity

PUT /rest/awsKeys/{id}/autorotate

Up

Enable or disable an AWS key to be auto rotated in this user's KEY_ROTATION schedule ([autorotateUsingPUT](#))

Path parameters

id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [AutoRotateRequestData](#) (required)
Body Parameter – data

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/awsKeys/{id}/cancelDeletion

Up

Cancel a scheduled deletion of AWS key ([cancelDeletionUsingPUT](#))

Path parameters

id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

POST /rest/awsKeys/create

Up

Create an AWS key. The key material will be generated in AWS KMS ([createKeysUsingPOST](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [UploadKeyRequestData](#) (required)

Body Parameter — data

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[AwsKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [AwsKey](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

PUT /rest/awsKeys/{id}/delete

Up

Delete AWS key material, or schedule a deletion of AWS key ([deleteAwsKeyUsingPUT](#))

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

deleteRequest [DeleteRequestBody](#) (required)

Body Parameter — deleteRequest

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/awsKeys

Up

findAllAwsKey (findAllAwsKeyUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter — page

size (optional)

Query Parameter — size

sort (optional)

Query Parameter — sort

Return type

[ResourcesOfAwsKey](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "awsKeys" : [ {
      "backup" : {
        "modifiedAt" : 6,
        "nShieldKeyBlob" : "nShieldKeyBlob",
        "certificate" : "certificate",
        "description" : "description",
        "keyId" : "keyId",
        "publicKey" : {
          "length" : 1,
          "value" : "value",
          "hash" : "hash"
        },
        "allTenant" : true,
        "sourceKeyTier" : "sourceKeyTier",
        "createdAt" : 0,
        "blobUUID" : "blobUUID",
        "protected" : true,
        "provider" : "DSM",
        "requestId" : "requestId",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "tenant" : {
          "createdAt" : 2,
          "createdBy" : "createdBy",
          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "algorithm" : "algorithm",
        "keySource" : "KMaaS",
        "restrictDeletion" : true,
        "secretKey" : {
          "length" : 1,
          "value" : "value",
          "hash" : "hash"
        },
        "cckmId" : "cckmId",
        "iv" : "iv",
        "nonce" : "nonce",
        "keyFormat" : "JWE",
        "privateKey" : {
          "length" : 1,
          "value" : "value",
```

```

    "hash" : "hash"
  },
  "blob" : "blob",
  "deleted" : true,
  "createdBy" : "createdBy",
  "service" : "NONE",
  "name" : "name",
  "serviceKeyPage" : {
    "number" : 9,
    "last" : true,
    "numberOfElements" : 3,
    "size" : 2,
    "totalPages" : 7,
    "sort" : { },
    "content" : [ {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncedAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    }, {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncedAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    } ],
    "first" : true,
    "totalElements" : 4
  },
  "hashType" : "hashType"
},
"aliases" : [ {
  "name" : "name",
  "arn" : "arn"
} ],
{
  "name" : "name",
  "arn" : "arn"
} ],
"rotationStatus" : "ARCHIVED",
"modifiedAt" : 6,
"autoRotateDisableEncrypt" : true,
"uploadedFrom" : "uploadedFrom",
"source" : "KMaaS",
"autoRotateOnExpire" : true,
"createdAt" : 0,
"modifiedBy" : "modifiedBy",
"id" : "id",
"autoRotate" : true,
"keyType" : "AES256",
"syncedAt" : 1,
"uploadedBy" : "uploadedBy",
"keyMetadata" : {
  "expirationModel" : "expirationModel",
  "keyState" : "keyState",
  "origin" : "origin",
  "description" : "description",
  "keyId" : "keyId",
  "creationDate" : "2000-01-23T04:56:07.000+00:00",
  "enabled" : true,
  "keyManager" : "keyManager",
  "keyUsage" : "keyUsage",
  "deletionDate" : "2000-01-23T04:56:07.000+00:00",
  "cloudHsmClusterId" : "cloudHsmClusterId",
  "arn" : "arn",
  "customKeyStoreId" : "customKeyStoreId",
  "awsaccountId" : "awsaccountId",
  "validTo" : "2000-01-23T04:56:07.000+00:00"
},
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"policy" : {
  "statements" : [ {
    "effect" : "Allow",
    "resources" : [ {

```



```

        "id" : "id",
        "notType" : true
    }, {
        "id" : "id",
        "notType" : true
    } ],
    "principals" : [ {
        "provider" : "provider",
        "pid" : "pid"
    }, {
        "provider" : "provider",
        "pid" : "pid"
    } ],
    "id" : "id",
    "conditions" : [ {
        "conditionKey" : "conditionKey",
        "values" : [ "values", "values" ],
        "type" : "type"
    }, {
        "conditionKey" : "conditionKey",
        "values" : [ "values", "values" ],
        "type" : "type"
    } ],
    "actions" : [ {
        "actionName" : "actionName"
    }, {
        "actionName" : "actionName"
    } ]
}, {
    "effect" : "Allow",
    "resources" : [ {
        "id" : "id",
        "notType" : true
    }, {
        "id" : "id",
        "notType" : true
    } ],
    "principals" : [ {
        "provider" : "provider",
        "pid" : "pid"
    }, {
        "provider" : "provider",
        "pid" : "pid"
    } ],
    "id" : "id",
    "conditions" : [ {
        "conditionKey" : "conditionKey",
        "values" : [ "values", "values" ],
        "type" : "type"
    }, {
        "conditionKey" : "conditionKey",
        "values" : [ "values", "values" ],
        "type" : "type"
    } ],
    "actions" : [ {
        "actionName" : "actionName"
    }, {
        "actionName" : "actionName"
    } ]
}, {
    "id" : "id",
    "version" : "version"
},
"grants" : [ {
    "grantId" : "grantId",
    "operations" : [ "operations", "operations" ],
    "issuingAccount" : "issuingAccount",
    "name" : "name",
    "keyId" : "keyId",
    "retiringPrincipal" : "retiringPrincipal",
    "creationDate" : "2000-01-23T04:56:07.000+00:00",
    "constraints" : {
        "encryptionContextEquals" : {
            "key" : "encryptionContextEquals"
        },
        "encryptionContextSubset" : {
            "key" : "encryptionContextSubset"
        }
    },
    "granteePrincipal" : "granteePrincipal"
}, {
    "grantId" : "grantId",
    "operations" : [ "operations", "operations" ],
    "issuingAccount" : "issuingAccount",
    "name" : "name",
    "keyId" : "keyId",
    "retiringPrincipal" : "retiringPrincipal",
    "creationDate" : "2000-01-23T04:56:07.000+00:00",
    "constraints" : {
        "encryptionContextEquals" : {
            "key" : "encryptionContextEquals"
        },
        "encryptionContextSubset" : {
            "key" : "encryptionContextSubset"
        }
    },
    "granteePrincipal" : "granteePrincipal"
} ],
"autoRotateUser" : "autoRotateUser",
"autoRotateKeyProvider" : "DSM",
"rotationChainId" : "rotationChainId",
"autoRotateScheduleName" : "autoRotateScheduleName",
"tags" : [ {
    "tagValue" : "tagValue",
    "tagKey" : "tagKey"
}, {
    "tagValue" : "tagValue",
    "tagKey" : "tagKey"
} ],
"createdBy" : "createdBy",
"name" : "name",
"availableInKeyVault" : true,
"uploadedAt" : 5,
"originalKey" : {
    "modifiedAt" : 6,
    "nShieldKeyBlob" : "nShieldKeyBlob",

```

```

"certificate" : "certificate",
"description" : "description",
"keyId" : "keyId",
"publicKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"allTenant" : true,
"sourceKeyTier" : "sourceKeyTier",
"createdAt" : 0,
"blobUUID" : "blobUUID",
"protected" : true,
"provider" : "DSM",
"requestId" : "requestId",
"modifiedBy" : "modifiedBy",
"id" : "id",
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"algorithm" : "algorithm",
"keySource" : "KMaaS",
"restrictDeletion" : true,
"secretKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"ckcmId" : "ckcmId",
"iv" : "iv",
"nonce" : "nonce",
"keyFormat" : "JWE",
"privateKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"blob" : "blob",
"deleted" : true,
"createdBy" : "createdBy",
"service" : "NONE",
"name" : "name",
"serviceKeyPage" : {
  "number" : 9,
  "last" : true,
  "numberOfElements" : 3,
  "size" : 2,
  "totalPages" : 7,
  "sort" : { },
  "content" : [ {
    "modifiedAt" : 5,
    "source" : "KMaaS",
    "createdAt" : 5,
    "createdBy" : "createdBy",
    "name" : "name",
    "availableInKeyVault" : true,
    "uploadedAt" : 7,
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "keyType" : "AES256",
    "syncdAt" : 2,
    "uploadedBy" : "uploadedBy",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    }
  },
  {
    "status" : "CREATED"
  }
], {
  "modifiedAt" : 5,
  "source" : "KMaaS",
  "createdAt" : 5,
  "createdBy" : "createdBy",
  "name" : "name",
  "availableInKeyVault" : true,
  "uploadedAt" : 7,
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "keyType" : "AES256",
  "syncdAt" : 2,
  "uploadedBy" : "uploadedBy",
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
  }
}, {
  "status" : "CREATED"
} ],
"first" : true,
"totalElements" : 4
},
"hashType" : "hashType"
},
"regionLabel" : "regionLabel",
"region" : "region",
"status" : "CREATED"
}, {
  "backup" : {
    "modifiedAt" : 6,
    "nShieldKeyBlob" : "nShieldKeyBlob",
    "certificate" : "certificate",
    "description" : "description",

```

```

"keyId" : "keyId",
"publicKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"allTenant" : true,
"sourceKeyTier" : "sourceKeyTier",
"createdAt" : 0,
"blobUUID" : "blobUUID",
"protected" : true,
"provider" : "DSM",
"requestId" : "requestId",
"modifiedBy" : "modifiedBy",
"id" : "id",
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"algorithm" : "algorithm",
"keySource" : "KMaaS",
"restrictDeletion" : true,
"secretKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"ckmId" : "ckmId",
"iv" : "iv",
"nonce" : "nonce",
"keyFormat" : "JWE",
"privateKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"blob" : "blob",
"deleted" : true,
"createdBy" : "createdBy",
"service" : "NONE",
"name" : "name",
"serviceKeyPage" : {
  "number" : 9,
  "last" : true,
  "numberOfElements" : 3,
  "size" : 2,
  "totalPages" : 7,
  "sort" : { },
  "content" : [ {
    "modifiedAt" : 5,
    "source" : "KMaaS",
    "createdAt" : 5,
    "createdBy" : "createdBy",
    "name" : "name",
    "availableInKeyVault" : true,
    "uploadedAt" : 7,
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "keyType" : "AES256",
    "syncdAt" : 2,
    "uploadedBy" : "uploadedBy",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    },
    "status" : "CREATED"
  } ],
  {
    "modifiedAt" : 5,
    "source" : "KMaaS",
    "createdAt" : 5,
    "createdBy" : "createdBy",
    "name" : "name",
    "availableInKeyVault" : true,
    "uploadedAt" : 7,
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "keyType" : "AES256",
    "syncdAt" : 2,
    "uploadedBy" : "uploadedBy",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    },
    "status" : "CREATED"
  } ],
  "first" : true,
  "totalElements" : 4
},
"hashType" : "hashType"
},
"aliases" : [ {
  "name" : "name",
  "arn" : "arn"
} ],
{
  "name" : "name",
  "arn" : "arn"
} ],
"rotationStatus" : "ARCHIVED",
"modifiedAt" : 6,
"autoRotateDisableEncrypt" : true,
"uploadedFrom" : "uploadedFrom",

```

```

"source" : "KMaas",
"autoRotateOnExpire" : true,
"createdAt" : 0,
"modifiedBy" : "modifiedBy",
"id" : "id",
"autoRotate" : true,
"keyType" : "AES256",
"syncedAt" : 1,
"uploadedBy" : "uploadedBy",
"keyMetadata" : {
  "expirationModel" : "expirationModel",
  "keyState" : "keyState",
  "origin" : "origin",
  "description" : "description",
  "keyId" : "keyId",
  "creationDate" : "2000-01-23T04:56:07.000+00:00",
  "enabled" : true,
  "keyManager" : "keyManager",
  "keyUsage" : "keyUsage",
  "deletionDate" : "2000-01-23T04:56:07.000+00:00",
  "cloudHsmClusterId" : "cloudHsmClusterId",
  "arn" : "arn",
  "customKeyStoreId" : "customKeyStoreId",
  "awsaccountId" : "awsaccountId",
  "validTo" : "2000-01-23T04:56:07.000+00:00"
},
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"policy" : {
  "statements" : [ {
    "effect" : "Allow",
    "resources" : [ {
      "id" : "id",
      "notType" : true
    }, {
      "id" : "id",
      "notType" : true
    } ],
    "principals" : [ {
      "provider" : "provider",
      "pid" : "pid"
    }, {
      "provider" : "provider",
      "pid" : "pid"
    } ],
    "id" : "id",
    "conditions" : [ {
      "conditionKey" : "conditionKey",
      "values" : [ "values", "values" ],
      "type" : "type"
    }, {
      "conditionKey" : "conditionKey",
      "values" : [ "values", "values" ],
      "type" : "type"
    } ],
    "actions" : [ {
      "actionName" : "actionName"
    }, {
      "actionName" : "actionName"
    } ]
  }, {
    "effect" : "Allow",
    "resources" : [ {
      "id" : "id",
      "notType" : true
    }, {
      "id" : "id",
      "notType" : true
    } ],
    "principals" : [ {
      "provider" : "provider",
      "pid" : "pid"
    }, {
      "provider" : "provider",
      "pid" : "pid"
    } ],
    "id" : "id",
    "conditions" : [ {
      "conditionKey" : "conditionKey",
      "values" : [ "values", "values" ],
      "type" : "type"
    }, {
      "conditionKey" : "conditionKey",
      "values" : [ "values", "values" ],
      "type" : "type"
    } ],
    "actions" : [ {
      "actionName" : "actionName"
    }, {
      "actionName" : "actionName"
    } ]
  }, {
    "id" : "id",
    "version" : "version"
  } ],
"grants" : [ {
  "grantId" : "grantId",
  "operations" : [ "operations", "operations" ],
  "issuingAccount" : "issuingAccount",
  "name" : "name",
  "keyId" : "keyId",
  "retiringPrincipal" : "retiringPrincipal",
  "creationDate" : "2000-01-23T04:56:07.000+00:00",
  "constraints" : {
    "encryptionContextEquals" : {
      "key" : "encryptionContextEquals"
    },
    "encryptionContextSubset" : {
      "key" : "encryptionContextSubset"
    }
  }
} ]

```

```

    },
    "granteePrincipal" : "granteePrincipal"
  }, {
    "grantId" : "grantId",
    "operations" : [ "operations", "operations" ],
    "issuingAccount" : "issuingAccount",
    "name" : "name",
    "keyId" : "keyId",
    "retiringPrincipal" : "retiringPrincipal",
    "creationDate" : "2000-01-23T04:56:07.000+00:00",
    "constraints" : {
      "encryptionContextEquals" : {
        "key" : "encryptionContextEquals"
      },
      "encryptionContextSubset" : {
        "key" : "encryptionContextSubset"
      }
    },
    "granteePrincipal" : "granteePrincipal"
  } ],
  "autoRotateUser" : "autoRotateUser",
  "autoRotateKeyProvider" : "DSM",
  "rotationChainId" : "rotationChainId",
  "autoRotateScheduleName" : "autoRotateScheduleName",
  "tags" : [ {
    "tagValue" : "tagValue",
    "tagKey" : "tagKey"
  } ], {
    "tagValue" : "tagValue",
    "tagKey" : "tagKey"
  } ],
  "createdBy" : "createdBy",
  "name" : "name",
  "availableInKeyVault" : true,
  "uploadedAt" : 5,
  "originalKey" : {
    "modifiedAt" : 6,
    "nShieldKeyBlob" : "nShieldKeyBlob",
    "certificate" : "certificate",
    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "allTenant" : true,
    "sourceKeyTier" : "sourceKeyTier",
    "createdAt" : 0,
    "blobUUID" : "blobUUID",
    "protected" : true,
    "provider" : "DSM",
    "requestId" : "requestId",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    },
    "algorithm" : "algorithm",
    "keySource" : "KMaaS",
    "restrictDeletion" : true,
    "secretKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "cckmId" : "cckmId",
    "iv" : "iv",
    "nonce" : "nonce",
    "keyFormat" : "JWE",
    "privateKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "blob" : "blob",
    "deleted" : true,
    "createdBy" : "createdBy",
    "service" : "NONE",
    "name" : "name",
    "serviceKeyPage" : {
      "number" : 9,
      "last" : true,
      "numberOfElements" : 3,
      "size" : 2,
      "totalPages" : 7,
      "sort" : { },
      "content" : [ {
        "modifiedAt" : 5,
        "source" : "KMaaS",
        "createdAt" : 5,
        "createdBy" : "createdBy",
        "name" : "name",
        "availableInKeyVault" : true,
        "uploadedAt" : 7,
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "keyType" : "AES256",
        "syncdAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
          "createdAt" : 2,
          "createdBy" : "createdBy",
          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        }
      } ],
    },
  },

```

```
        "status" : "CREATED"
      }, {
        "modifiedAt" : 5,
        "source" : "KMaas",
        "createdAt" : 5,
        "createdBy" : "createdBy",
        "name" : "name",
        "availableInKeyVault" : true,
        "uploadedAt" : 7,
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
          "createdAt" : 2,
          "createdBy" : "createdBy",
          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "status" : "CREATED"
      } ],
      "first" : true,
      "totalElements" : 4
    },
    "hashType" : "hashType"
  },
  "regionLabel" : "regionLabel",
  "region" : "region",
  "status" : "CREATED"
} ]
},
"_links" : {
  "key" : {
    "templated" : true,
    "rel" : "rel",
    "href" : "href"
  }
}
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfAwsKey](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/awsKeys/{id}

Up

findOneAwsKey (findOneAwsKeyUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfAwsKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfAwsKey](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/awsKeys/keyByKeyId

Up

Find AWS key by key id (getKeyByKeyIdUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

keyId (required)
Query Parameter — keyId

Return type
[AwsKeyResponse](#)

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [AwsKeyResponse](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/awsKeys/keys

Up

Get AWS keys by searching name, region, enabled, keyState, rotationStatus, creationDateFrom, etc. ([getKeysUsingGET](#))

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

data (optional)
Query Parameter — data

enabled (optional)
Query Parameter — enabled

keyMaterialOrigin (optional)
Query Parameter — keyMaterialOrigin

keyState (optional)
Query Parameter — keyState

name (optional)
Query Parameter — name

page (optional)
Query Parameter — format: int32

region (optional)
Query Parameter — region

rotationStatus (optional)
Query Parameter — rotationStatus

search (optional)
Query Parameter — search

size (optional)
Query Parameter — format: int32

sort (optional)
Query Parameter —

Return type
[Page](#)

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [Page](#)
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/awsKeys/{id}/import

[Up](#)

Import key material of a CCKM source key to AWS key (`importAwsKeyUsingPUT`)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json`

Request body

data [ImportKeyRequestData](#) (optional)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `*/*`

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /rest/awsKeys/rotate

[Up](#)

Rotate an Aws key. This upload a new AWS key, and move aliases from this to the new key (`rotateAwsKeyUsingPOST`)

Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json`

Request body

data [RotateKeyRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `*/*`

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /rest/awsKeys/synchronize

[Up](#)

Synchronize all AwsKeys that this user has proper permissions in the given regions (`synchronizeAllKeysUsingPOST`)

Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json`

Request body

regions [string](#) (optional)
Body Parameter — regions

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `*/*`

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT `/rest/awsKeys/{id}/updateKeyPolicy`

[Up](#)

Update AWS key policy (`updateKeyPolicyUsingPUT`)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- `application/json`

Request body

data [UpdateKeyPolicyRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- `*/*`

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT `/rest/awsKeys/{id}/update`

[Up](#)

Update AWS key (`updateKeysUsingPUT`)

Path parameters

id (required)
Path Parameter — AwsKey id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [UpdateKeyRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[AwsKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [AwsKey](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

POST /rest/awsKeys/upload

Upload a CCKM source key to AWS (uploadKeysUsingPOST)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [UploadKeyRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[AwsKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [AwsKey](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

POST /rest/awsKeys/verifyAlias

Verify AWS key alias (verifyAliasInAwsUsingPOST)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [VerifyAliasData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

Boolean

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [Boolean](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

AwsScheduleEntity

DELETE /awsSchedules/{id}

Up

Delete an AwsSchedule (createUsingDELETE)

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

204

No Content

401

Unauthorized

403

Forbidden

POST /awsSchedules

Up

Create an AwsSchedule (createUsingPOST)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

schedule [AwsSchedule](#) (optional)
Body Parameter — Required parameters:
jobType,
name,
pause,
cron or (startDate, interval, and intervalUnit),
username,
accessKeyId,

password // AWS Secret Access Key

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/awsSchedules

Up

findAllAwsSchedule (findAllAwsScheduleUsingGET)

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter – page

size (optional)

Query Parameter – size

sort (optional)

Query Parameter – sort

Return type

[ResourcesOfAwsSchedule](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "awsSchedules" : [ {
      "accessKeyId" : "accessKeyId",
      "cron" : "cron",
      "humanReadableCron" : "humanReadableCron",
      "modifiedAt" : 5,
      "intervalUnit" : "Hour",
      "description" : "description",
      "fixedRateSchedule" : true,
      "pause" : true,
      "createdAt" : 0,
      "password" : "password",
      "applyOnExpiration" : true,
      "createdBy" : "createdBy",
      "intervalUnitKeyExpiration" : "Hour",
      "name" : "name",
      "interval" : 6,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "jobType" : "KEY_ROTATION",
      "intervalKeyExpiration" : 1,
      "startDate" : 5,
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "username" : "username"
    }, {
      "accessKeyId" : "accessKeyId",
      "cron" : "cron",
      "humanReadableCron" : "humanReadableCron",
      "modifiedAt" : 5,
      "intervalUnit" : "Hour",
```

```
    "description" : "description",
    "fixedRateSchedule" : true,
    "pause" : true,
    "createdAt" : 0,
    "password" : "password",
    "applyOnExpiration" : true,
    "createdBy" : "createdBy",
    "intervalUnitKeyExpiration" : "Hour",
    "name" : "name",
    "interval" : 6,
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "jobType" : "KEY_ROTATION",
    "intervalKeyExpiration" : 1,
    "startDate" : 5,
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    },
    "username" : "username"
  } ]
},
"_links" : {
  "key" : {
    "templated" : true,
    "rel" : "rel",
    "href" : "href"
  }
}
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfAwsSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/awsSchedules/search/findByUsernameAndJobTypeAndTenantAndName Up

findByUsernameAndJobTypeAndTenantAndNameAwsSchedule (findByUsernameAndJobTypeAndTenantAndNameAwsScheduleUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

jobType (optional)

Query Parameter — jobType

name (optional)

Query Parameter — name

tenant (optional)

Query Parameter — tenant

username (optional)

Query Parameter — username

Return type

[ResourcesOfAwsSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourcesOfAwsSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/awsSchedules/{id} Up

findOneAwsSchedule (findOneAwsScheduleUsingGET)

Path parameters

id (required)
Path Parameter – id

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfAwsSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfAwsSchedule](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /awsSchedules/schedule

Up

Get list of AwsSchedule and IDs for a user ([getScheduleByUserNameUsingGET](#))

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)
Query Parameter – format: int32
size (optional)
Query Parameter – format: int32
sort (optional)
Query Parameter –
username (required)
Query Parameter – username

Return type

[AwsScheduleOutput](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [AwsScheduleOutput](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/awsSchedules/{id}

Up

saveAwsSchedule ([saveAwsScheduleUsingPATCH](#))

Path parameters

id (required)
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [AwsSchedule](#) (required)
Body Parameter – body

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfAwsSchedule](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

- Responses**
200
OK [ResourceOfAwsSchedule](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/awsSchedules

Up

saveAwsSchedule (saveAwsScheduleUsingPOST)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [AwsSchedule](#) (required)
Body Parameter – body

- Request headers**
- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
 - Cookie (required)**
Header Parameter – Provide the JsessionId
 - X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
 - x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfAwsSchedule](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

- Responses**
200
OK [ResourceOfAwsSchedule](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/awsSchedules/{id}

Up

saveAwsSchedule (saveAwsScheduleUsingPUT)

Path parameters
id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [AwsSchedule](#) (required)
Body Parameter – body

- Request headers**
- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfAwsSchedule](#)

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfAwsSchedule](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /awsSchedules/{id}

Up

Update an AwsSchedule (updateUsingPUT)

Path parameters
id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
data [AwsSchedule](#) (required)
Body Parameter – Parameters:
jobType,
name,
description,
pause,
cron or (startDate, interval, and intervalUnit),
username,
accessKeyId,
password // AWS Secret Access Key

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

AzureInfoController

GET /azureAdminConsent/{cloudService}

Up

Gets Azure admin consent URL (consentUsingGET)

Path parameters
cloudService (required)
Path Parameter – cloudService

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- admin_consent (optional)**
Query Parameter – admin_consent
- state (required)**
Query Parameter – state
- tenant (optional)**
Query Parameter – tenant

Return type
String

Example data
Content-Type:

Produces
This API produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

- Responses**
200
OK [String](#)
401
Unauthorized
403
Forbidden
404
Not Found

POST /azureAdminConsent Up

Admin consent and set tenant password ([consentUsingPOST](#))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
data [AzureAdminConsentRequest](#) (required)
Body Parameter – data

- Request headers**
- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
 - Cookie (required)**
Header Parameter – Provide the JsessionId
 - X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
 - x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

- Responses**
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GET /azureInfo Up

Gets the information about whether this CCKM is used as Azure service principal ([getAzureCloudsInfoUsingGET](#))

- Request headers**
- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
 - Cookie (required)**
Header Parameter – Provide the JsessionId
 - X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[AzureCloudsInfo](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [AzureCloudsInfo](#)
401
Unauthorized
403
Forbidden
404
Not Found

AzureKeyEntity

PUT /rest/azureKeys/{id}/autorotate

Up

Enable or disable the AzureKey to be auto rotated by this user's KEY_ROTATION schedule (autorotateUsingPUT1)

Path parameters

id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [AutoRotateRequestData](#) (required)
Body Parameter – data

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /rest/azureKeys/create

Up

Create a new AzureKey. Key material will be generated in Azure (createUsingPOST1)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [NativeKeyRequestData](#) (required)
Body Parameter – data

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/azureKeys/{id}/deleteBackup

[Up](#)

Delete the backup of an Azure key. This deletes the AzureKey in CCKM ([deleteBackupUsingPUT](#))

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/azureKeys/{id}/delete

[Up](#)

Delete an Azure key in Azure, including all versions. This does not delete AzureKey and key backup in CCKM ([deleteUsingPUT](#))

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys

Up

findAllAzureKey (findAllAzureKeyUsingGET)

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)
Query Parameter – page

size (optional)
Query Parameter – size

sort (optional)
Query Parameter – sort

Return type

[ResourcesOfAzureKey](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "azureKeys" : [ {
      "backup" : {
        "modifiedAt" : 6,
        "nShieldKeyBlob" : "nShieldKeyBlob",
        "certificate" : "certificate",
        "description" : "description",
        "keyId" : "keyId",
        "publicKey" : {
          "length" : 1,
          "value" : "value",
          "hash" : "hash"
        },
        },
      "allTenant" : true,
      "sourceKeyTier" : "sourceKeyTier",
      "createdAt" : 0,
      "blobUUID" : "blobUUID",
      "protected" : true,
      "provider" : "DSM",
      "requestId" : "requestId",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "algorithm" : "algorithm",
      "keySource" : "KMaaS",
      "restrictDeletion" : true,
      "secretKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
      },
      "cckmId" : "cckmId",
      "iv" : "iv",
      "nonce" : "nonce",
      "keyFormat" : "JWE",
      "privateKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
      },
      "blob" : "blob",
      "deleted" : true,
      "createdBy" : "createdBy",
      "service" : "NONE",
      "name" : "name",
      "serviceKeyPage" : {
        "number" : 9,
        "last" : true,
        "numberOfElements" : 3,
        "size" : 2,
        "totalPages" : 7,
        "sort" : { },
      },
    },
  ],
}
```

```

"content" : [ {
  "modifiedAt" : 5,
  "source" : "KMaaS",
  "createdAt" : 5,
  "createdBy" : "createdBy",
  "name" : "name",
  "availableInKeyVault" : true,
  "uploadedAt" : 7,
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "keyType" : "AES256",
  "syncedAt" : 2,
  "uploadedBy" : "uploadedBy",
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
  },
  "status" : "CREATED"
}, {
  "modifiedAt" : 5,
  "source" : "KMaaS",
  "createdAt" : 5,
  "createdBy" : "createdBy",
  "name" : "name",
  "availableInKeyVault" : true,
  "uploadedAt" : 7,
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "keyType" : "AES256",
  "syncedAt" : 2,
  "uploadedBy" : "uploadedBy",
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
  },
  "status" : "CREATED"
} ],
"first" : true,
"totalElements" : 4
},
"hashType" : "hashType"
},
"keyVaultLocationDisplay" : "keyVaultLocationDisplay",
"keyVault" : "keyVault",
"modifiedAt" : 1,
"kid" : "kid",
"description" : "description",
"uploadedFrom" : "uploadedFrom",
"source" : "KMaaS",
"autoRotateOnExpire" : true,
"createdAt" : 6,
"modifiedBy" : "modifiedBy",
"id" : "id",
"autoRotate" : true,
"keyType" : "AES256",
"syncedAt" : 5,
"uploadedBy" : "uploadedBy",
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"autoRotateUser" : "autoRotateUser",
"keySoftDeletedInAzure" : true,
"autoRotateKeyProvider" : "DSM",
"autoRotateKeyType" : "AES256",
"autoRotateScheduleName" : "autoRotateScheduleName",
"backupAt" : 0,
"keyVaultDisplayName" : "keyVaultDisplayName",
"autoRotateDsm" : true,
"deleted" : true,
"createdBy" : "createdBy",
"versions" : [ {
  "keyVault" : "keyVault",
  "e" : "e",
  "crv" : "crv",
  "kid" : "kid",
  "description" : "description",
  "uploadedFrom" : "uploadedFrom",
  "source" : "KMaaS",
  "version" : "version",
  "n" : "n",
  "tags" : {
    "key" : "tags"
  },
  "kty" : "kty",
  "key_ops" : [ "sign", "sign" ],
  "uploadedAt" : 4,
  "attributes" : {
    "nbf" : 9,
    "created" : 2,
    "recoveryLevel" : "recoveryLevel",
    "exp" : 7,
    "updated" : 3,
    "enabled" : true
  },
  "uploadedBy" : "uploadedBy",
  "key_size" : 2
}, {
  "keyVault" : "keyVault",
  "e" : "e",
  "crv" : "crv",

```

```

    "kid" : "kid",
    "description" : "description",
    "uploadedFrom" : "uploadedFrom",
    "source" : "KMaas",
    "version" : "version",
    "n" : "n",
    "tags" : {
      "key" : "tags"
    },
    "kty" : "kty",
    "key_ops" : [ "sign", "sign" ],
    "uploadedAt" : 4,
    "attributes" : {
      "nbf" : 9,
      "created" : 2,
      "recoveryLevel" : "recoveryLevel",
      "exp" : 7,
      "updated" : 3,
      "enabled" : true
    },
    "uploadedBy" : "uploadedBy",
    "key_size" : 2
  } ],
  "keyVaultLocation" : "keyVaultLocation",
  "name" : "name",
  "availableInKeyVault" : true,
  "uploadedAt" : 5,
  "originalKey" : {
    "modifiedAt" : 6,
    "nShieldKeyBlob" : "nShieldKeyBlob",
    "certificate" : "certificate",
    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "allTenant" : true,
    "sourceKeyTier" : "sourceKeyTier",
    "createdAt" : 0,
    "blobUUID" : "blobUUID",
    "protected" : true,
    "provider" : "DSM",
    "requestId" : "requestId",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    },
    "algorithm" : "algorithm",
    "keySource" : "KMaas",
    "restrictDeletion" : true,
    "secretKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "cckmId" : "cckmId",
    "iv" : "iv",
    "nonce" : "nonce",
    "keyFormat" : "JWE",
    "privateKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "blob" : "blob",
    "deleted" : true,
    "createdBy" : "createdBy",
    "service" : "NONE",
    "name" : "name",
    "serviceKeyPage" : {
      "number" : 9,
      "last" : true,
      "numberOfElements" : 3,
      "size" : 2,
      "totalPages" : 7,
      "sort" : { },
      "content" : [ {
        "modifiedAt" : 5,
        "source" : "KMaas",
        "createdAt" : 5,
        "createdBy" : "createdBy",
        "name" : "name",
        "availableInKeyVault" : true,
        "uploadedAt" : 7,
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "keyType" : "AES256",
        "syncdAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
          "createdAt" : 2,
          "createdBy" : "createdBy",
          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "status" : "CREATED"
      } ],
      "modifiedAt" : 5,
      "source" : "KMaas",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,

```

```

        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
            "createdAt" : 2,
            "createdBy" : "createdBy",
            "modifiedAt" : 7,
            "name" : "name",
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "cloudService" : "cloudService"
        },
        "status" : "CREATED"
    } ],
    "first" : true,
    "totalElements" : 4
},
"hashType" : "hashType"
},
"subscriptionId" : "subscriptionId",
"autoRotateHsm" : true,
"softDeleteEnabled" : true,
"status" : "CREATED"
}, {
"backup" : {
    "modifiedAt" : 6,
    "nShieldKeyBlob" : "nShieldKeyBlob",
    "certificate" : "certificate",
    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
    },
    },
    "allTenant" : true,
    "sourceKeyTier" : "sourceKeyTier",
    "createdAt" : 0,
    "blobUUID" : "blobUUID",
    "protected" : true,
    "provider" : "DSM",
    "requestId" : "requestId",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
    },
    },
    "algorithm" : "algorithm",
    "keySource" : "KMaaS",
    "restrictDeletion" : true,
    "secretKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
    },
    },
    "ckmId" : "ckmId",
    "iv" : "iv",
    "nonce" : "nonce",
    "keyFormat" : "JWE",
    "privateKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
    },
    },
    "blob" : "blob",
    "deleted" : true,
    "createdBy" : "createdBy",
    "service" : "NONE",
    "name" : "name",
    "serviceKeyPage" : {
        "number" : 9,
        "last" : true,
        "numberOfElements" : 3,
        "size" : 2,
        "totalPages" : 7,
        "sort" : { },
        "content" : [ {
            "modifiedAt" : 5,
            "source" : "KMaaS",
            "createdAt" : 5,
            "createdBy" : "createdBy",
            "name" : "name",
            "availableInKeyVault" : true,
            "uploadedAt" : 7,
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "keyType" : "AES256",
            "syncedAt" : 2,
            "uploadedBy" : "uploadedBy",
            "tenant" : {
                "createdAt" : 2,
                "createdBy" : "createdBy",
                "modifiedAt" : 7,
                "name" : "name",
                "modifiedBy" : "modifiedBy",
                "id" : "id",
                "cloudService" : "cloudService"
            },
            },
            "status" : "CREATED"
        }, {
            "modifiedAt" : 5,
            "source" : "KMaaS",
            "createdAt" : 5,
            "createdBy" : "createdBy",
            "name" : "name",
            "availableInKeyVault" : true,
            "uploadedAt" : 7,
            "modifiedBy" : "modifiedBy",

```

```

        "id" : "id",
        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
            "createdAt" : 2,
            "createdBy" : "createdBy",
            "modifiedAt" : 7,
            "name" : "name",
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "cloudService" : "cloudService"
        },
        "status" : "CREATED"
    } ],
    "first" : true,
    "totalElements" : 4
},
"hashType" : "hashType"
},
"keyVaultLocationDisplay" : "keyVaultLocationDisplay",
"keyVault" : "keyVault",
"modifiedAt" : 1,
"kid" : "kid",
"description" : "description",
"uploadedFrom" : "uploadedFrom",
"source" : "KMaaS",
"autoRotateOnExpire" : true,
"createdAt" : 6,
"modifiedBy" : "modifiedBy",
"id" : "id",
"autoRotate" : true,
"keyType" : "AES256",
"syncedAt" : 5,
"uploadedBy" : "uploadedBy",
"tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
},
"autoRotateUser" : "autoRotateUser",
"keySoftDeletedInAzure" : true,
"autoRotateKeyProvider" : "DSM",
"autoRotateKeyType" : "AES256",
"autoRotateScheduleName" : "autoRotateScheduleName",
"backupAt" : 0,
"keyVaultDisplayName" : "keyVaultDisplayName",
"autoRotateDsm" : true,
"deleted" : true,
"createdBy" : "createdBy",
"versions" : [ {
    "keyVault" : "keyVault",
    "e" : "e",
    "crv" : "crv",
    "kid" : "kid",
    "description" : "description",
    "uploadedFrom" : "uploadedFrom",
    "source" : "KMaaS",
    "version" : "version",
    "n" : "n",
    "tags" : {
        "key" : "tags"
    },
    "kty" : "kty",
    "key_ops" : [ "sign", "sign" ],
    "uploadedAt" : 4,
    "attributes" : {
        "nbf" : 9,
        "created" : 2,
        "recoveryLevel" : "recoveryLevel",
        "exp" : 7,
        "updated" : 3,
        "enabled" : true
    },
    "uploadedBy" : "uploadedBy",
    "key_size" : 2
}, {
    "keyVault" : "keyVault",
    "e" : "e",
    "crv" : "crv",
    "kid" : "kid",
    "description" : "description",
    "uploadedFrom" : "uploadedFrom",
    "source" : "KMaaS",
    "version" : "version",
    "n" : "n",
    "tags" : {
        "key" : "tags"
    },
    "kty" : "kty",
    "key_ops" : [ "sign", "sign" ],
    "uploadedAt" : 4,
    "attributes" : {
        "nbf" : 9,
        "created" : 2,
        "recoveryLevel" : "recoveryLevel",
        "exp" : 7,
        "updated" : 3,
        "enabled" : true
    },
    "uploadedBy" : "uploadedBy",
    "key_size" : 2
} ],
"keyVaultLocation" : "keyVaultLocation",
"name" : "name",
"availableInKeyVault" : true,
"uploadedAt" : 5,
"originalKey" : {
    "modifiedAt" : 6,
    "nShieldKeyBlob" : "nShieldKeyBlob",
    "certificate" : "certificate",
    "description" : "description",

```



```

    "keyId" : "keyId",
    "publicKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "allTenant" : true,
    "sourceKeyTier" : "sourceKeyTier",
    "createdAt" : 0,
    "blobUUID" : "blobUUID",
    "protected" : true,
    "provider" : "DSM",
    "requestId" : "requestId",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    },
    "algorithm" : "algorithm",
    "keySource" : "KMaaS",
    "restrictDeletion" : true,
    "secretKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "cckmId" : "cckmId",
    "iv" : "iv",
    "nonce" : "nonce",
    "keyFormat" : "JWE",
    "privateKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "blob" : "blob",
    "deleted" : true,
    "createdBy" : "createdBy",
    "service" : "NONE",
    "name" : "name",
    "serviceKeyPage" : {
      "number" : 9,
      "last" : true,
      "numberOfElements" : 3,
      "size" : 2,
      "totalPages" : 7,
      "sort" : { },
      "content" : [ {
        "modifiedAt" : 5,
        "source" : "KMaaS",
        "createdAt" : 5,
        "createdBy" : "createdBy",
        "name" : "name",
        "availableInKeyVault" : true,
        "uploadedAt" : 7,
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
          "createdAt" : 2,
          "createdBy" : "createdBy",
          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "status" : "CREATED"
      } ],
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncedAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    },
    "first" : true,
    "totalElements" : 4
  },
  "hashType" : "hashType"
},
"subscriptionId" : "subscriptionId",
"autoRotateHsm" : true,
"softDeleteEnabled" : true,
"status" : "CREATED"
} ]
}
"links" : {
  "key" : {
    "templated" : true,
    "rel" : "rel",
    "href" : "href"
  }
}

```

```
}
}
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200
OK [ResourcesOfAzureKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys/search/findByAutoRotateUserAndAutoRotateAndAutoRotateScheduleName Up

findByAutoRotateUserAndAutoRotateAndAutoRotateScheduleNameAzureKey (findByAutoRotateUserAndAutoRotateAndAutoRotateScheduleNameAzureKeyUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- autoRotate (optional)**
Query Parameter – autoRotate
- autoRotateScheduleName (optional)**
Query Parameter – autoRotateScheduleName
- autoRotateUser (optional)**
Query Parameter – autoRotateUser

Return type

[ResourcesOfAzureKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourcesOfAzureKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys/search/findByAutoRotateUserAndAutoRotateOnExpireAndAutoRotateScheduleName Up

findByAutoRotateUserAndAutoRotateOnExpireAndAutoRotateScheduleNameAzureKey (findByAutoRotateUserAndAutoRotateOnExpireAndAutoRotateScheduleNameAzureKeyUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- autoRotateOnExpire (optional)**
Query Parameter – autoRotateOnExpire
- autoRotateScheduleName (optional)**
Query Parameter – autoRotateScheduleName
- autoRotateUser (optional)**
Query Parameter – autoRotateUser

Return type

[ResourcesOfAzureKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourcesOfAzureKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys/search/findByAutoRotateUser

findByAutoRotateUserAzureKey (findByAutoRotateUserAzureKeyUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- autoRotateUser (optional)**
Query Parameter – autoRotateUser

Return type
[ResourcesOfAzureKey](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourcesOfAzureKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys/search/findById

findByIdAzureKey (findByIdAzureKeyUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- _id (optional)**
Query Parameter – _id

Return type
[ResourceOfOptionalOfAzureKey](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfOptionalOfAzureKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys/search/findByKid

findByKidAzureKey (findByKidAzureKeyUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

kid (optional)

Query Parameter — kid

Return type

[ResourceOfOptionalOfAzureKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfOptionalOfAzureKey](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/azureKeys/search/findByKidIgnoreCase

Up

findByKidIgnoreCaseAzureKey (findByKidIgnoreCaseAzureKeyUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

kid (optional)

Query Parameter — kid

Return type

[ResourceOfOptionalOfAzureKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfOptionalOfAzureKey](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/azureKeys/search/findByName

Up

findByNameAzureKey (findByNameAzureKeyUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

name (optional)

Query Parameter — name

Return type

[ResourcesOfAzureKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200
OK [ResourcesOfAzureKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys/search/findByNameIgnoreCase

Up

findByNameIgnoreCaseAzureKey (findByNameIgnoreCaseAzureKeyUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

name (optional)
Query Parameter — name

Return type

[ResourcesOfAzureKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200
OK [ResourcesOfAzureKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys/search/findByNameRegexAndKeyVaultRegex

Up

findByNameRegexAndKeyVaultRegexAzureKey (findByNameRegexAndKeyVaultRegexAzureKeyUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

keyVault (optional)
Query Parameter — keyVault

name (optional)
Query Parameter — name

page (optional)
Query Parameter — format: int32

size (optional)
Query Parameter — format: int32

sort (optional)
Query Parameter —

Return type

[ResourceOfPageOfAzureKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200
OK [ResourceOfPageOfAzureKey](#)
401
Unauthorized
403
Forbidden

GET /rest/azureKeys/search/findByRegexOrKeyVaultRegexOrVersionsVersionRegexOrVersionsTagsUploadedFromAzureKeyUsingGET

findByRegexOrKeyVaultRegexOrVersionsVersionRegexOrVersionsTagsUploadedFromAzureKey
(findByRegexOrKeyVaultRegexOrVersionsVersionRegexOrVersionsTagsUploadedFromAzureKeyUsingGET)

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)**
Query Parameter — format: int32
- search (optional)**
Query Parameter — search
- size (optional)**
Query Parameter — format: int32
- sort (optional)**
Query Parameter —

Return type
[ResourceOfPageOfAzureKey](#)

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

- 200
OK [ResourceOfPageOfAzureKey](#)
- 401
Unauthorized
- 403
Forbidden
- 404
Not Found

GET /rest/azureKeys/findKeyByKid

Get AzureKey by Azure kid (findKeyByKidUsingGET)

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

- kid (required)**
Query Parameter — kid

Return type
[AzureKeyResponse](#)

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

- 200
OK [AzureKeyResponse](#)
- 401
Unauthorized
- 403
Forbidden
- 404
Not Found

GET /rest/azureKeys/{id}

findOneAzureKey (findOneAzureKeyUsingGET)

Path parameters

- id (required)**
Path Parameter — id

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfAzureKey](#)

Example data
Content-Type:

Produces
This API produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfAzureKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys/getIdByKid

Up

Get AzureKey id by Azure kid ([getIdByKidUsingGET](#))

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters
kid (required)
Query Parameter — kid

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/azureKeys/{id}/purge

Up

Purge a soft-deleted Azure key ([purgeUsingPUT](#))

Path parameters

id (required)
Path Parameter — id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/azureKeys/{id}/recover [Up](#)

Recover a soft-deleted Azure key ([recoverUsingPUT](#))

Path parameters

id (required)
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/azureKeys/{id}/restore [Up](#)

Restore a deleted Azure key in Azure, including all versions ([restoreUsingPUT](#))

Path parameters

id (required)
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys/search/searchAndSortKeys

Up

searchAndSortKeysAzureKey (searchAndSortKeysAzureKeyUsingGET)

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

- search (optional)**
Query Parameter — search

Return type

[ResourcesOfAzureKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourcesOfAzureKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeys/keys

Up

Get AzureKeys by searching name, key vault, key version, exoFrom, expTo, and source key (searchAzureKeysUsingGET)

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

- autoRotate (optional)**
Query Parameter — autoRotate
- backup (optional)**
Query Parameter — backup
- enabled (optional)**
Query Parameter — enabled
- inAzure (optional)**
Query Parameter — inAzure
- keyMaterialOrigin (optional)**
Query Parameter — keyMaterialOrigin
- keyVault (optional)**
Query Parameter — keyVault
- location (optional)**
Query Parameter — location
- name (optional)**
Query Parameter — name
- page (optional)**
Query Parameter — format: int32
- search (optional)**
Query Parameter — search
- size (optional)**
Query Parameter — format: int32
- sort (optional)**
Query Parameter —
- version (optional)**
Query Parameter — version

Return type

[Page](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [Page](#)

401

Unauthorized

403

Forbidden

404

Not Found

POST /rest/azureKeys/synchronize

[Up](#)

Synchronize all AzureKeys that this user has proper permissions, download backups of Azure keys and store backups in CCKM (synchronizeAllKeysUsingPOST1)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

PUT /rest/azureKeys/{id}/update

[Up](#)

Update attributes of an Azure key (updateUsingPUT1)

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [KeyUpdateRequestData](#) (required)

Body Parameter — data

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /rest/azureKeys/uploadKeyFileBLOB

Up

Upload an AzureKey from byok file that is stored in DSM as a source key ([uploadKeyFileBLOBUsingPOST](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [KeyFileRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /rest/azureKeys/upload

Up

Upload a CCKM source key to Azure. This could create a new Azure key or a new version of an existing key. ([uploadUsingPOST](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [KeyUploadRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created

401
Unauthorized
403
Forbidden
404
Not Found

AzureKeyVaultController

GET /rest/azureKeyVaults/{name}

Up

Gets the key vaults list by the name (`getKeyVaultUsingGET`)

Path parameters

name (required)
Path Parameter — Name of the keyVault to be searched

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[AzureKeyVault](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

Responses

200
OK [AzureKeyVault](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeyVaults

Up

Gets the key vaults which the user has access to (`listKeyVaultsUsingGET`)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

array[[AzureKeyVault](#)]

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

Responses

200
OK
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureKeyVaults/getSubscriptionList

Up

Gets all the subscriptions based on the current logged in user (`listSubscriptionsUsingGET`)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[AzureShortSubscriptionResponse](#)

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [AzureShortSubscriptionResponse](#)
401
Unauthorized
403
Forbidden
404
Not Found

AzureScheduleEntity

POST /azureSchedules Up

Create an AzureSchedule (createUsingPOST2)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
schedule [AzureSchedule](#) (optional)
Body Parameter — Required parameters:
jobType,
name,
pause,
cron or (startDate, interval, and intervalUnit),
username,
password

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

DELETE /azureSchedules/{id} Up

Delete an AzureSchedule (deleteUsingDELETE)

Path parameters
id (required)
Path Parameter — id

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

204

No Content

401

Unauthorized

403

Forbidden

GET /rest/azureSchedules

Up

findAllAzureSchedule (findAllAzureScheduleUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter — page

size (optional)

Query Parameter — size

sort (optional)

Query Parameter — sort

Return type

[ResourcesOfAzureSchedule](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "azureSchedules" : [ {
      "cron" : "cron",
      "humanReadableCron" : "humanReadableCron",
      "modifiedAt" : 5,
      "intervalUnit" : "Hour",
      "description" : "description",
      "fixedRateSchedule" : true,
      "pause" : true,
      "createdAt" : 0,
      "password" : "password",
      "applyOnExpiration" : true,
      "createdBy" : "createdBy",
      "intervalUnitKeyExpiration" : "Hour",
      "name" : "name",
      "interval" : 6,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "jobType" : "KEY_ROTATION",
      "intervalKeyExpiration" : 1,
      "startDate" : 5,
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "username" : "username"
    }, {
      "cron" : "cron",
      "humanReadableCron" : "humanReadableCron",
      "modifiedAt" : 5,
      "intervalUnit" : "Hour",
      "description" : "description",
      "fixedRateSchedule" : true,
      "pause" : true,
      "createdAt" : 0,
      "password" : "password",
      "applyOnExpiration" : true,
      "createdBy" : "createdBy",
      "intervalUnitKeyExpiration" : "Hour",
      "name" : "name",
      "interval" : 6,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "jobType" : "KEY_ROTATION",
      "intervalKeyExpiration" : 1,
      "startDate" : 5,
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "username" : "username"
    } ]
  }
}
```

```
    },
    "_links" : {
      "key" : {
        "templated" : true,
        "rel" : "rel",
        "href" : "href"
      }
    }
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfAzureSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/azureSchedules/search/findByUsernameAndJobTypeAndTenantAndName

Up

findByUsernameAndJobTypeAndTenantAndNameAzureSchedule (findByUsernameAndJobTypeAndTenantAndNameAzureScheduleUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

jobType (optional)

Query Parameter — jobType

name (optional)

Query Parameter — name

tenant (optional)

Query Parameter — tenant

username (optional)

Query Parameter — username

Return type

[ResourcesOfAzureSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourcesOfAzureSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/azureSchedules/{id}

Up

findOneAzureSchedule (findOneAzureScheduleUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfAzureSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfAzureSchedule](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /azureSchedules/schedule

Up

Get list of AzureSchedule and IDs for a user (`getScheduleByUserNameUsingGET1`)

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)**
Query Parameter — format: int32
- size (optional)**
Query Parameter — format: int32
- sort (optional)**
Query Parameter —
- username (required)**
Query Parameter — username

Return type

[AzureScheduleOutput](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [AzureScheduleOutput](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/azureSchedules/{id}

Up

saveAzureSchedule (`saveAzureScheduleUsingPATCH`)

Path parameters

- id (required)**
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

- body [AzureSchedule](#) (required)**
Body Parameter — body

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfAzureSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfAzureSchedule](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/azureSchedules

Up

saveAzureSchedule (saveAzureScheduleUsingPOST)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [AzureSchedule](#) (required)
Body Parameter – body

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
Cookie (required)
Header Parameter – Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfAzureSchedule](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfAzureSchedule](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/azureSchedules/{id}

Up

saveAzureSchedule (saveAzureScheduleUsingPUT)

Path parameters
id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [AzureSchedule](#) (required)
Body Parameter – body

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
Cookie (required)
Header Parameter – Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfAzureSchedule](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfAzureSchedule](#)
201

Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /azureSchedules/{id} Up

Update an AzureSchedule (updateUsingPUT2)

Path parameters

id (required)
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data AzureSchedule (required)
Body Parameter – Parameters:
jobType,
name,
description,
pause,
cron or (startDate, interval, and intervalUnit),
username,
password

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK String
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

AzureServicePrincipalEntity

DELETE /rest/azureServicePrincipals/{id}/tenant Up

azureServicePrincipalTenant (azureServicePrincipalTenantUsingDELETE)

Path parameters

id (required)
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/azureServicePrincipals/{id}/tenant

Up

azureServicePrincipalTenant (azureServicePrincipalTenantUsingGET)

Path parameters

id (required)
Path Parameter – id

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfTenant](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/hal+json

Responses

200
OK [ResourceOfTenant](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/azureServicePrincipals/{id}/tenant

Up

azureServicePrincipalTenant (azureServicePrincipalTenantUsingPATCH)

Path parameters

id (required)
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter – body

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfTenant](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfTenant](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/azureServicePrincipals/{id}/tenant

[Up](#)

azureServicePrincipalTenant (azureServicePrincipalTenantUsingPOST)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfTenant](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/azureServicePrincipals/{id}/tenant

[Up](#)

azureServicePrincipalTenant (azureServicePrincipalTenantUsingPUT)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfTenant](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfTenant](#)
201
Created
401
Unauthorized

GET /rest/azureServicePrincipals

Up

findAllAzureServicePrincipal (findAllAzureServicePrincipalUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)**
Query Parameter – page
- size (optional)**
Query Parameter – size
- sort (optional)**
Query Parameter – sort

Return type
[ResourcesOfAzureServicePrincipal](#)

Example data
Content-Type: application/json

```
{
  "_embedded" : {
    "azureServicePrincipals" : [ {
      "createdAt" : 0,
      "createdBy" : "createdBy",
      "modifiedAt" : 6,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "consented" : true,
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      }
    }, {
      "createdAt" : 0,
      "createdBy" : "createdBy",
      "modifiedAt" : 6,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "consented" : true,
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      }
    } ]
  },
  "_links" : {
    "key" : {
      "templated" : true,
      "rel" : "rel",
      "href" : "href"
    }
  }
}
```

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses
200
OK [ResourcesOfAzureServicePrincipal](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/azureServicePrincipals/{id}

Up

findOneAzureServicePrincipal (findOneAzureServicePrincipalUsingGET)

Path parameters

- id (required)**
Path Parameter – id

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfAzureServicePrincipal](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfAzureServicePrincipal](#)
401
Unauthorized
403
Forbidden
404
Not Found

PUT /azureServicePrincipals/{id} [Up](#)
Update an AzureServicePrincipal (updateUsingPUT3)

Path parameters
id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
data [AzureServicePrincipalData](#) (required)
Body Parameter – consented

- Request headers**
- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
 - Cookie (required)**
Header Parameter – Provide the JsessionId
 - X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
 - x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

CloudAccountEntity

DELETE /rest/cloudAccounts/{id} [Up](#)
deleteCloudAccount (deleteCloudAccountUsingDELETE)

Path parameters
id (required)
Path Parameter – id

- Request headers**
- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
 - Cookie (required)**

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK

204

No Content

401

Unauthorized

403

Forbidden

GET /rest/cloudAccounts

findAllCloudAccount (findAllCloudAccountUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter — page

size (optional)

Query Parameter — size

sort (optional)

Query Parameter — sort

Return type

[ResourcesOfCloudAccount](#)

Example data

Content-Type: application/json

```
{
  "_embedded": {
    "cloudAccounts": [ {
      "accounts": [ "accounts", "accounts" ],
      "accountLines": "accountLines"
    }, {
      "accounts": [ "accounts", "accounts" ],
      "accountLines": "accountLines"
    } ]
  },
  "_links": {
    "key": {
      "templated": true,
      "rel": "rel",
      "href": "href"
    }
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfCloudAccount](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/cloudAccounts/{id}

findOneCloudAccount (findOneCloudAccountUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfCloudAccount](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfCloudAccount](#)

401

Unauthorized

403

Forbidden

404

Not Found

PATCH /rest/cloudAccounts/{id}

Up

saveCloudAccount (saveCloudAccountUsingPATCH)

Path parameters

id (required)

Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [CloudAccount](#) (required)

Body Parameter – body

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfCloudAccount](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfCloudAccount](#)

204

No Content

401

Unauthorized

403

Forbidden

POST /rest/cloudAccounts

Up

saveCloudAccount (saveCloudAccountUsingPOST)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [CloudAccount](#) (required)

Body Parameter – body

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfCloudAccount](#)

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfCloudAccount](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/cloudAccounts/{id}

Up

saveCloudAccount (saveCloudAccountUsingPUT)

Path parameters

id (required)
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [CloudAccount](#) (required)
Body Parameter – body

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfCloudAccount](#)

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfCloudAccount](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

CloudServiceInfoController

GET /csp

Up

Gets the cloud service information (cspUsingGET)

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

array[String]

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK
401
Unauthorized
403
Forbidden
404
Not Found

ConfigHealthController

GET /liveness Up

testLiveness (testLivenessUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
map[String, String]

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK
401
Unauthorized
403
Forbidden
404
Not Found

GET /readiness Up

testReadiness (testReadinessUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
map[String, String]

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK
401
Unauthorized
403
Forbidden
404
Not Found

GoogleCloudAuditEntity

DELETE /rest/googleCloudAudits/{id}/tenant Up

googleCloudAuditTenant (googleCloudAuditTenantUsingDELETE)

Path parameters

- id (required)**
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

- Responses**
200
OK
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/googleCloudAudits/{id}/tenant Up

googleCloudAuditTenant (googleCloudAuditTenantUsingGET)

Path parameters

- id (required)**
Path Parameter – id

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/hal+json

- Responses**
200
OK [ResourceOfTenant](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/googleCloudAudits/{id}/tenant Up

googleCloudAuditTenant (googleCloudAuditTenantUsingPATCH)

Path parameters

- id (required)**
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

- body [string](#) (required)**
Body Parameter – body

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfTenant](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/googleCloudAudits/{id}/tenant

Up

googleCloudAuditTenant (googleCloudAuditTenantUsingPOST)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfTenant](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/googleCloudAudits/{id}/tenant

Up

googleCloudAuditTenant (googleCloudAuditTenantUsingPUT)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GoogleCloudKeyEntity

PUT `/rest/googleCloudKeys/autorotate` [Up](#)

Create a new CryptoKey version for an existing google cloud key. Key material will either be generated in Google Cloud or will be uploaded into Google Cloud (`autoRotateUsingPUT`)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
`gcpKeyRotateData` [GoogleKeyRotateData](#) (required)
Body Parameter — `gcpKeyRotateData`

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST `/rest/googleCloudKeys/create` [Up](#)

Create a new CryptoKey. Key material will be generated in Google Cloud (`createUsingPOST3`)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
`data` [GoogleKeyRequestData](#) (required)
Body Parameter — `data`

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/googleCloudKeys/rotate

[Up](#)

Create a new CryptoKey version for an existing google cloud key. Key material will be generated in Google Cloud ([createUsingPUT](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

gcpKeyRotateData [GoogleKeyRotateData](#) (required)
Body Parameter — gcpKeyRotateData

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/googleCloudKeys/{id}/disableKeyVersion

[Up](#)

Disable cryptoKeyVersion. ([disableKeyVersionUsingPUT](#))

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [GoogleKeyVersionUpdateData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/googleCloudKeys/{id}/enableKeyVersion

Up

Enable cryptoKeyVersion. (enableKeyVersionUsingPUT)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [GoogleKeyVersionUpdateData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/googleCloudKeys

Up

findAllGoogleCloudKey (findAllGoogleCloudKeyUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)
Query Parameter — page
size (optional)
Query Parameter — size
sort (optional)
Query Parameter — sort

Return type

[ResourcesOfGoogleCloudKey](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "googleCloudKeys" : [ {
      "backup" : {
```

```

"modifiedAt" : 6,
"nShieldKeyBlob" : "nShieldKeyBlob",
"certificate" : "certificate",
"description" : "description",
"keyId" : "keyId",
"publicKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"allTenant" : true,
"sourceKeyTier" : "sourceKeyTier",
"createdAt" : 0,
"blobUUID" : "blobUUID",
"protected" : true,
"provider" : "DSM",
"requestId" : "requestId",
"modifiedBy" : "modifiedBy",
"id" : "id",
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"algorithm" : "algorithm",
"keySource" : "KMaaS",
"restrictDeletion" : true,
"secretKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"ckcmId" : "ckcmId",
"iv" : "iv",
"nonce" : "nonce",
"keyFormat" : "JWE",
"privateKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"blob" : "blob",
"deleted" : true,
"createdBy" : "createdBy",
"service" : "NONE",
"name" : "name",
"serviceKeyPage" : {
  "number" : 9,
  "last" : true,
  "numberOfElements" : 3,
  "size" : 2,
  "totalPages" : 7,
  "sort" : { },
  "content" : [ {
    "modifiedAt" : 5,
    "source" : "KMaaS",
    "createdAt" : 5,
    "createdBy" : "createdBy",
    "name" : "name",
    "availableInKeyVault" : true,
    "uploadedAt" : 7,
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "keyType" : "AES256",
    "syncedAt" : 2,
    "uploadedBy" : "uploadedBy",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    }
  } ],
  "status" : "CREATED"
}, {
  "modifiedAt" : 5,
  "source" : "KMaaS",
  "createdAt" : 5,
  "createdBy" : "createdBy",
  "name" : "name",
  "availableInKeyVault" : true,
  "uploadedAt" : 7,
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "keyType" : "AES256",
  "syncedAt" : 2,
  "uploadedBy" : "uploadedBy",
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
  }
}, {
  "status" : "CREATED"
} ],
"first" : true,
"totalElements" : 4
},
"hashType" : "hashType"
},
"purpose" : "ENCRYPT_DECRYPT",
"modifiedAt" : 6,
"keyId" : "keyId",
"project" : "project",
"uploadedFrom" : "uploadedFrom",
"keyRing" : {
  "keyRingId" : "keyRingId",

```



```

"createTime" : "createTime",
"myPermissions" : [ "myPermissions", "myPermissions" ],
"name" : "name",
"location" : {
  "metadata" : {
    "key" : "metadata"
  },
  "displayName" : "displayName",
  "locationId" : "locationId",
  "ekmAvailable" : true,
  "hsmAvailable" : true,
  "name" : "name",
  "labels" : {
    "key" : "labels"
  }
},
"projectName" : "projectName",
"projectId" : "projectId",
"policy" : {
  "bindings" : [ {
    "role" : "role",
    "members" : [ "members", "members" ]
  }, {
    "role" : "role",
    "members" : [ "members", "members" ]
  } ],
  "etag" : "etag",
  "version" : "version"
},
},
"source" : "KMaaS",
"createdAt" : 0,
"nextRotationTime" : "2000-01-23T04:56:07.000+00:00",
"versionTemplate" : {
  "protectionLevel" : "SOFTWARE",
  "algorithm" : "GOOGLE_SYMMETRIC_ENCRYPTION"
},
"modifiedBy" : "modifiedBy",
"id" : "id",
"autoRotate" : true,
"keyType" : "AES256",
"syncedAt" : 1,
"uploadedBy" : "uploadedBy",
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"autoRotateUser" : "autoRotateUser",
"autoRotateKeyProvider" : "DSM",
"autoRotateSourceKeyAlgorithm" : "autoRotateSourceKeyAlgorithm",
"autoRotateKeyType" : "AES256",
"keyName" : "keyName",
"autoRotateScheduleName" : "autoRotateScheduleName",
"labels" : {
  "key" : "labels"
},
"autoRotateAlgorithm" : "GOOGLE_SYMMETRIC_ENCRYPTION",
"rotationPeriod" : "rotationPeriod",
"createTime" : "2000-01-23T04:56:07.000+00:00",
"createdBy" : "createdBy",
"versions" : [ {
  "keySource" : "KMaaS",
  "attestation" : {
    "format" : "format",
    "content" : "content"
  }
},
"externalProtectionLevelOptions" : {
  "externalKeyUri" : "externalKeyUri"
},
"importJob" : "importJob",
"generateTime" : "2000-01-23T04:56:07.000+00:00",
"destroyTime" : "2000-01-23T04:56:07.000+00:00",
"versionId" : "versionId",
"destroyEventTime" : "2000-01-23T04:56:07.000+00:00",
"importFailureReason" : "importFailureReason",
"createTime" : "2000-01-23T04:56:07.000+00:00",
"name" : "name",
"keyMaterialOrigin" : "keyMaterialOrigin",
"uploadedAt" : "2000-01-23T04:56:07.000+00:00",
"originalKey" : {
  "modifiedAt" : 6,
  "nShieldKeyBlob" : "nShieldKeyBlob",
  "certificate" : "certificate",
  "description" : "description",
  "keyId" : "keyId",
  "publicKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  }
},
"allTenant" : true,
"sourceKeyTier" : "sourceKeyTier",
"createdAt" : 0,
"blobUUID" : "blobUUID",
"protected" : true,
"provider" : "DSM",
"requestId" : "requestId",
"modifiedBy" : "modifiedBy",
"id" : "id",
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"algorithm" : "algorithm",
"keySource" : "KMaaS",
"restrictDeletion" : true,

```

```

"secretKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"ckmId" : "ckmId",
"iv" : "iv",
"nonce" : "nonce",
"keyFormat" : "JWE",
"privateKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"blob" : "blob",
"deleted" : true,
"createdBy" : "createdBy",
"service" : "NONE",
"name" : "name",
"serviceKeyPage" : {
  "number" : 9,
  "last" : true,
  "numberOfElements" : 3,
  "size" : 2,
  "totalPages" : 7,
  "sort" : { },
  "content" : [ {
    "modifiedAt" : 5,
    "source" : "KMaaS",
    "createdAt" : 5,
    "createdBy" : "createdBy",
    "name" : "name",
    "availableInKeyVault" : true,
    "uploadedAt" : 7,
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "keyType" : "AES256",
    "syncedAt" : 2,
    "uploadedBy" : "uploadedBy",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    },
    "status" : "CREATED"
  }, {
    "modifiedAt" : 5,
    "source" : "KMaaS",
    "createdAt" : 5,
    "createdBy" : "createdBy",
    "name" : "name",
    "availableInKeyVault" : true,
    "uploadedAt" : 7,
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "keyType" : "AES256",
    "syncedAt" : 2,
    "uploadedBy" : "uploadedBy",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    },
    "status" : "CREATED"
  } ],
  "first" : true,
  "totalElements" : 4
},
"hashType" : "hashType"
},
"state" : "CRYPTO_KEY_VERSION_STATE_UNSPECIFIED",
"protectionLevel" : "SOFTWARE",
"uploadedBy" : "uploadedBy",
"importTime" : "2000-01-23T04:56:07.000+00:00",
"algorithm" : "GOOGLE_SYMMETRIC_ENCRYPTION",
"primary" : true
}, {
  "keySource" : "KMaaS",
  "attestation" : {
    "format" : "format",
    "content" : "content"
  },
  "externalProtectionLevelOptions" : {
    "externalKeyUri" : "externalKeyUri"
  },
  "importJob" : "importJob",
  "generateTime" : "2000-01-23T04:56:07.000+00:00",
  "destroyTime" : "2000-01-23T04:56:07.000+00:00",
  "versionId" : "versionId",
  "destroyEventTime" : "2000-01-23T04:56:07.000+00:00",
  "importFailureReason" : "importFailureReason",
  "createTime" : "2000-01-23T04:56:07.000+00:00",
  "name" : "name",
  "keyMaterialOrigin" : "keyMaterialOrigin",
  "uploadedAt" : "2000-01-23T04:56:07.000+00:00",
  "originalKey" : {
    "modifiedAt" : 6,
    "nShieldKeyBlob" : "nShieldKeyBlob",
    "certificate" : "certificate",
    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "allTenant" : true,
    "sourceKeyTier" : "sourceKeyTier",

```

```

    "createdAt" : 0,
    "blobUUID" : "blobUUID",
    "protected" : true,
    "provider" : "DSM",
    "requestId" : "requestId",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    },
    "algorithm" : "algorithm",
    "keySource" : "KMaaS",
    "restrictDeletion" : true,
    "secretKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "cckmId" : "cckmId",
    "iv" : "iv",
    "nonce" : "nonce",
    "keyFormat" : "JWE",
    "privateKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "blob" : "blob",
    "deleted" : true,
    "createdBy" : "createdBy",
    "service" : "NONE",
    "name" : "name",
    "serviceKeyPage" : {
      "number" : 9,
      "last" : true,
      "numberOfElements" : 3,
      "size" : 2,
      "totalPages" : 7,
      "sort" : { },
      "content" : [ {
        "modifiedAt" : 5,
        "source" : "KMaaS",
        "createdAt" : 5,
        "createdBy" : "createdBy",
        "name" : "name",
        "availableInKeyVault" : true,
        "uploadedAt" : 7,
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
          "createdAt" : 2,
          "createdBy" : "createdBy",
          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "status" : "CREATED"
      }, {
        "modifiedAt" : 5,
        "source" : "KMaaS",
        "createdAt" : 5,
        "createdBy" : "createdBy",
        "name" : "name",
        "availableInKeyVault" : true,
        "uploadedAt" : 7,
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
          "createdAt" : 2,
          "createdBy" : "createdBy",
          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "status" : "CREATED"
      } ],
      "first" : true,
      "totalElements" : 4
    },
    "hashType" : "hashType"
  },
  "state" : "CRYPTO_KEY_VERSION_STATE_UNSPECIFIED",
  "protectionLevel" : "SOFTWARE",
  "uploadedBy" : "uploadedBy",
  "importTime" : "2000-01-23T04:56:07.000+00:00",
  "algorithm" : "GOOGLE_SYMMETRIC_ENCRYPTION",
  "primary" : true
} ],
"name" : "name",
"availableInKeyVault" : true,
"uploadedAt" : 5,
"location" : {
  "metadata" : {
    "key" : "metadata"
  },
  "displayName" : "displayName",
  "locationId" : "locationId",
  "ekmAvailable" : true,
  "hsmAvailable" : true,
  "name" : "name",

```

```

"labels" : {
  "key" : "labels"
},
"originalKey" : {
  "modifiedAt" : 6,
  "nShieldKeyBlob" : "nShieldKeyBlob",
  "certificate" : "certificate",
  "description" : "description",
  "keyId" : "keyId",
  "publicKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "allTenant" : true,
  "sourceKeyTier" : "sourceKeyTier",
  "createdAt" : 0,
  "blobUUID" : "blobUUID",
  "protected" : true,
  "provider" : "DSM",
  "requestId" : "requestId",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
  },
  "algorithm" : "algorithm",
  "keySource" : "KMaaS",
  "restrictDeletion" : true,
  "secretKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "cckmId" : "cckmId",
  "iv" : "iv",
  "nonce" : "nonce",
  "keyFormat" : "JWE",
  "privateKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "blob" : "blob",
  "deleted" : true,
  "createdBy" : "createdBy",
  "service" : "NONE",
  "name" : "name",
  "serviceKeyPage" : {
    "number" : 9,
    "last" : true,
    "numberOfElements" : 3,
    "size" : 2,
    "totalPages" : 7,
    "sort" : { },
    "content" : [ {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncdAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    } ],
    {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncdAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    } ],
    "first" : true,
    "totalElements" : 4
  },
  "hashType" : "hashType"
},
"primary" : {
  "keySource" : "KMaaS",

```

```

"attestation" : {
  "format" : "format",
  "content" : "content"
},
"externalProtectionLevelOptions" : {
  "externalKeyUri" : "externalKeyUri"
},
"importJob" : "importJob",
"generateTime" : "2000-01-23T04:56:07.000+00:00",
"destroyTime" : "2000-01-23T04:56:07.000+00:00",
"versionId" : "versionId",
"destroyEventTime" : "2000-01-23T04:56:07.000+00:00",
"importFailureReason" : "importFailureReason",
"createTime" : "2000-01-23T04:56:07.000+00:00",
"name" : "name",
"keyMaterialOrigin" : "keyMaterialOrigin",
"uploadedAt" : "2000-01-23T04:56:07.000+00:00",
"originalKey" : {
  "modifiedAt" : 6,
  "nShieldKeyBlob" : "nShieldKeyBlob",
  "certificate" : "certificate",
  "description" : "description",
  "keyId" : "keyId",
  "publicKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  }
},
"allTenant" : true,
"sourceKeyTier" : "sourceKeyTier",
"createdAt" : 0,
"blobUUID" : "blobUUID",
"protected" : true,
"provider" : "DSM",
"requestId" : "requestId",
"modifiedBy" : "modifiedBy",
"id" : "id",
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"algorithm" : "algorithm",
"keySource" : "KMaaS",
"restrictDeletion" : true,
"secretKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"ckmId" : "ckmId",
"iv" : "iv",
"nonce" : "nonce",
"keyFormat" : "JWE",
"privateKey" : {
  "length" : 1,
  "value" : "value",
  "hash" : "hash"
},
"blob" : "blob",
"deleted" : true,
"createdBy" : "createdBy",
"service" : "NONE",
"name" : "name",
"serviceKeyPage" : {
  "number" : 9,
  "last" : true,
  "numberOfElements" : 3,
  "size" : 2,
  "totalPages" : 7,
  "sort" : { },
  "content" : [ {
    "modifiedAt" : 5,
    "source" : "KMaaS",
    "createdAt" : 5,
    "createdBy" : "createdBy",
    "name" : "name",
    "availableInKeyVault" : true,
    "uploadedAt" : 7,
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "keyType" : "AES256",
    "syncedAt" : 2,
    "uploadedBy" : "uploadedBy",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    }
  } ],
  "status" : "CREATED"
}, {
  "modifiedAt" : 5,
  "source" : "KMaaS",
  "createdAt" : 5,
  "createdBy" : "createdBy",
  "name" : "name",
  "availableInKeyVault" : true,
  "uploadedAt" : 7,
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "keyType" : "AES256",
  "syncedAt" : 2,
  "uploadedBy" : "uploadedBy",
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",

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        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
    },
    "status" : "CREATED"
} ],
"first" : true,
"totalElements" : 4
},
"hashType" : "hashType"
},
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"protectionLevel" : "SOFTWARE",
"uploadedBy" : "uploadedBy",
"importTime" : "2000-01-23T04:56:07.000+00:00",
"algorithm" : "GOOGLE_SYMMETRIC_ENCRYPTION",
"primary" : true
},
"status" : "CREATED"
}, {
"backup" : {
    "modifiedAt" : 6,
    "nShieldKeyBlob" : "nShieldKeyBlob",
    "certificate" : "certificate",
    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
    },
    "allTenant" : true,
    "sourceKeyTier" : "sourceKeyTier",
    "createdAt" : 0,
    "blobUUID" : "blobUUID",
    "protected" : true,
    "provider" : "DSM",
    "requestId" : "requestId",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "tenant" : {
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        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
    },
    "algorithm" : "algorithm",
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    "restrictDeletion" : true,
    "secretKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
    },
    "cckmId" : "cckmId",
    "iv" : "iv",
    "nonce" : "nonce",
    "keyFormat" : "JWE",
    "privateKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
    },
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    "deleted" : true,
    "createdBy" : "createdBy",
    "service" : "NONE",
    "name" : "name",
    "serviceKeyPage" : {
        "number" : 9,
        "last" : true,
        "numberOfElements" : 3,
        "size" : 2,
        "totalPages" : 7,
        "sort" : { },
        "content" : [ {
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            "source" : "KMaaS",
            "createdAt" : 5,
            "createdBy" : "createdBy",
            "name" : "name",
            "availableInKeyVault" : true,
            "uploadedAt" : 7,
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "keyType" : "AES256",
            "syncdAt" : 2,
            "uploadedBy" : "uploadedBy",
            "tenant" : {
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                "createdBy" : "createdBy",
                "modifiedAt" : 7,
                "name" : "name",
                "modifiedBy" : "modifiedBy",
                "id" : "id",
                "cloudService" : "cloudService"
            },
            "status" : "CREATED"
        } ],
        "modifiedAt" : 5,
        "source" : "KMaaS",
        "createdAt" : 5,
        "createdBy" : "createdBy",
        "name" : "name",
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        "uploadedBy" : "uploadedBy",
        "tenant" : {
            "createdAt" : 2,

```

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    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
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    "id" : "id",
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  },
  "status" : "CREATED"
} ],
"first" : true,
"totalElements" : 4
},
"hashType" : "hashType"
},
"purpose" : "ENCRYPT_DECRYPT",
"modifiedAt" : 6,
"keyId" : "keyId",
"project" : "project",
"uploadedFrom" : "uploadedFrom",
"keyRing" : {
  "keyRingId" : "keyRingId",
  "createTime" : "createTime",
  "myPermissions" : [ "myPermissions", "myPermissions" ],
  "name" : "name",
  "location" : {
    "metadata" : {
      "key" : "metadata"
    },
    "displayName" : "displayName",
    "locationId" : "locationId",
    "ekmAvailable" : true,
    "hsmAvailable" : true,
    "name" : "name",
    "labels" : {
      "key" : "labels"
    }
  },
  "projectId" : "projectId",
  "policy" : {
    "bindings" : [ {
      "role" : "role",
      "members" : [ "members", "members" ]
    }, {
      "role" : "role",
      "members" : [ "members", "members" ]
    } ],
    "etag" : "etag",
    "version" : "version"
  }
},
"source" : "KMaaS",
"createdAt" : 0,
"nextRotationTime" : "2000-01-23T04:56:07.000+00:00",
"versionTemplate" : {
  "protectionLevel" : "SOFTWARE",
  "algorithm" : "GOOGLE_SYMMETRIC_ENCRYPTION"
},
"modifiedBy" : "modifiedBy",
"id" : "id",
"autoRotate" : true,
"keyType" : "AES256",
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"uploadedBy" : "uploadedBy",
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  "createdBy" : "createdBy",
  "modifiedAt" : 7,
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  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"autoRotateUser" : "autoRotateUser",
"autoRotateKeyProvider" : "DSM",
"autoRotateSourceKeyAlgorithm" : "autoRotateSourceKeyAlgorithm",
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"keyName" : "keyName",
"autoRotateScheduleName" : "autoRotateScheduleName",
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    "content" : "content"
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  },
  "importJob" : "importJob",
  "generateTime" : "2000-01-23T04:56:07.000+00:00",
  "destroyTime" : "2000-01-23T04:56:07.000+00:00",
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    "certificate" : "certificate",
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    "keyId" : "keyId",
    "publicKey" : {
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      "value" : "value",
      "hash" : "hash"
    }
  },
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  "keyId" : "keyId",
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    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
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      "hash" : "hash"
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    "certificate" : "certificate",
    "description" : "description",
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    "publicKey" : {
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    }
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    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
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      "value" : "value",
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  "keyMaterialOrigin" : "keyMaterialOrigin",
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      "hash" : "hash"
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  "keyMaterialOrigin" : "keyMaterialOrigin",
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    "description" : "description",
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    "publicKey" : {
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      "value" : "value",
      "hash" : "hash"
    }
  },
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  "keyId" : "keyId",
  "keyMaterialOrigin" : "keyMaterialOrigin",
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    "certificate" : "certificate",
    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    }
  },
  "id" : "id",
  "keyId" : "keyId",
  "keyMaterialOrigin" : "keyMaterialOrigin",
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  "originalKey" : {
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    "nShieldKeyBlob" : "nShieldKeyBlob",
    "certificate" : "certificate",
    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
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      "value" : "value",
      "hash" : "hash"
    }
  },
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  "keyId" : "keyId",
  "keyMaterialOrigin" : "keyMaterialOrigin",
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    "certificate" : "certificate",
    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
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      "value" : "value",
      "hash" : "hash"
    }
  },
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  "keyId" : "keyId",
  "keyMaterialOrigin" : "keyMaterialOrigin",
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  "originalKey" : {
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    "certificate" : "certificate",
    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
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      "value" : "value",
      "hash" : "hash"
    }
  },
  "id" : "id",
  "keyId" : "keyId",
  "keyMaterialOrigin" : "keyMaterialOrigin",
  "uploadedAt" : "2000-01-23T04:56:07.000+00:00",
  "originalKey" : {
    "modifiedAt"
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```

    "allTenant" : true,
    "sourceKeyTier" : "sourceKeyTier",
    "createdAt" : 0,
    "blobUUID" : "blobUUID",
    "protected" : true,
    "provider" : "DSM",
    "requestId" : "requestId",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
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    "keySource" : "KMaaS",
    "restrictDeletion" : true,
    "secretKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "cckmId" : "cckmId",
    "iv" : "iv",
    "nonce" : "nonce",
    "keyFormat" : "JWE",
    "privateKey" : {
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      "value" : "value",
      "hash" : "hash"
    },
    "blob" : "blob",
    "deleted" : true,
    "createdBy" : "createdBy",
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    "name" : "name",
    "serviceKeyPage" : {
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      "last" : true,
      "numberOfElements" : 3,
      "size" : 2,
      "totalPages" : 7,
      "sort" : { },
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        "name" : "name",
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          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "status" : "CREATED"
      } ],
      {
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        "modifiedBy" : "modifiedBy",
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          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "status" : "CREATED"
      } ],
      "first" : true,
      "totalElements" : 4
    },
    "hashType" : "hashType"
  },
  "state" : "CRYPTO_KEY_VERSION_STATE_UNSPECIFIED",
  "protectionLevel" : "SOFTWARE",
  "uploadedBy" : "uploadedBy",
  "importTime" : "2000-01-23T04:56:07.000+00:00",
  "algorithm" : "GOOGLE_SYMMETRIC_ENCRYPTION",
  "primary" : true
}, {
  "keySource" : "KMaaS",
  "attestation" : {
    "format" : "format",
    "content" : "content"
  },
  "externalProtectionLevelOptions" : {
    "externalKeyUri" : "externalKeyUri"
  },
  "importJob" : "importJob",
  "generateTime" : "2000-01-23T04:56:07.000+00:00",

```



```

"destroyTime" : "2000-01-23T04:56:07.000+00:00",
"versionId" : "versionId",
"destroyEventTime" : "2000-01-23T04:56:07.000+00:00",
"importFailureReason" : "importFailureReason",
"createTime" : "2000-01-23T04:56:07.000+00:00",
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"uploadedAt" : "2000-01-23T04:56:07.000+00:00",
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  "description" : "description",
  "keyId" : "keyId",
  "publicKey" : {
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    "value" : "value",
    "hash" : "hash"
  },
  "allTenant" : true,
  "sourceKeyTier" : "sourceKeyTier",
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  "protected" : true,
  "provider" : "DSM",
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  "modifiedBy" : "modifiedBy",
  "id" : "id",
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    "createdBy" : "createdBy",
    "modifiedAt" : 7,
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    "id" : "id",
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    "value" : "value",
    "hash" : "hash"
  },
  "cckmId" : "cckmId",
  "iv" : "iv",
  "nonce" : "nonce",
  "keyFormat" : "JWE",
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    "value" : "value",
    "hash" : "hash"
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        "modifiedAt" : 7,
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        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
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        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    }
  ],
  "first" : true,
  "totalElements" : 4
},

```

```

    "hashType" : "hashType"
  },
  "state" : "CRYPTO_KEY_VERSION_STATE_UNSPECIFIED",
  "protectionLevel" : "SOFTWARE",
  "uploadedBy" : "uploadedBy",
  "importTime" : "2000-01-23T04:56:07.000+00:00",
  "algorithm" : "GOOGLE_SYMMETRIC_ENCRYPTION",
  "primary" : true
} ],
"name" : "name",
"availableInKeyVault" : true,
"uploadedAt" : 5,
"location" : {
  "metadata" : {
    "key" : "metadata"
  },
  "displayName" : "displayName",
  "locationId" : "locationId",
  "ekmAvailable" : true,
  "hsmAvailable" : true,
  "name" : "name",
  "labels" : {
    "key" : "labels"
  }
},
"originalKey" : {
  "modifiedAt" : 6,
  "nShieldKeyBlob" : "nShieldKeyBlob",
  "certificate" : "certificate",
  "description" : "description",
  "keyId" : "keyId",
  "publicKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "allTenant" : true,
  "sourceKeyTier" : "sourceKeyTier",
  "createdAt" : 0,
  "blobUUID" : "blobUUID",
  "protected" : true,
  "provider" : "DSM",
  "requestId" : "requestId",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
  },
  "algorithm" : "algorithm",
  "keySource" : "KMaaS",
  "restrictDeletion" : true,
  "secretKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "cckmId" : "cckmId",
  "iv" : "iv",
  "nonce" : "nonce",
  "keyFormat" : "JWE",
  "privateKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "blob" : "blob",
  "deleted" : true,
  "createdBy" : "createdBy",
  "service" : "NONE",
  "name" : "name",
  "serviceKeyPage" : {
    "number" : 9,
    "last" : true,
    "numberOfElements" : 3,
    "size" : 2,
    "totalPages" : 7,
    "sort" : { },
    "content" : [ {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncedAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    } ],
    {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",

```

```

        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
            "createdAt" : 2,
            "createdBy" : "createdBy",
            "modifiedAt" : 7,
            "name" : "name",
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "cloudService" : "cloudService"
        },
        "status" : "CREATED"
    } ],
    "first" : true,
    "totalElements" : 4
},
"hashType" : "hashType"
},
"primary" : {
    "keySource" : "KMaaS",
    "attestation" : {
        "format" : "format",
        "content" : "content"
    },
    "externalProtectionLevelOptions" : {
        "externalKeyUri" : "externalKeyUri"
    },
    "importJob" : "importJob",
    "generateTime" : "2000-01-23T04:56:07.000+00:00",
    "destroyTime" : "2000-01-23T04:56:07.000+00:00",
    "versionId" : "versionId",
    "destroyEventTime" : "2000-01-23T04:56:07.000+00:00",
    "importFailureReason" : "importFailureReason",
    "createTime" : "2000-01-23T04:56:07.000+00:00",
    "name" : "name",
    "keyMaterialOrigin" : "keyMaterialOrigin",
    "uploadedAt" : "2000-01-23T04:56:07.000+00:00",
    "originalKey" : {
        "modifiedAt" : 6,
        "nShieldKeyBlob" : "nShieldKeyBlob",
        "certificate" : "certificate",
        "description" : "description",
        "keyId" : "keyId",
        "publicKey" : {
            "length" : 1,
            "value" : "value",
            "hash" : "hash"
        },
        "allTenant" : true,
        "sourceKeyTier" : "sourceKeyTier",
        "createdAt" : 0,
        "blobUUID" : "blobUUID",
        "protected" : true,
        "provider" : "DSM",
        "requestId" : "requestId",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "tenant" : {
            "createdAt" : 2,
            "createdBy" : "createdBy",
            "modifiedAt" : 7,
            "name" : "name",
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "cloudService" : "cloudService"
        },
        "algorithm" : "algorithm",
        "keySource" : "KMaaS",
        "restrictDeletion" : true,
        "secretKey" : {
            "length" : 1,
            "value" : "value",
            "hash" : "hash"
        },
        "cckmId" : "cckmId",
        "iv" : "iv",
        "nonce" : "nonce",
        "keyFormat" : "JWE",
        "privateKey" : {
            "length" : 1,
            "value" : "value",
            "hash" : "hash"
        },
        "blob" : "blob",
        "deleted" : true,
        "createdBy" : "createdBy",
        "service" : "NONE",
        "name" : "name",
        "serviceKeyPage" : {
            "number" : 9,
            "last" : true,
            "numberOfElements" : 3,
            "size" : 2,
            "totalPages" : 7,
            "sort" : { },
            "content" : [ {
                "modifiedAt" : 5,
                "source" : "KMaaS",
                "createdAt" : 5,
                "createdBy" : "createdBy",
                "name" : "name",
                "availableInKeyVault" : true,
                "uploadedAt" : 7,
                "modifiedBy" : "modifiedBy",
                "id" : "id",
                "keyType" : "AES256",
                "syncedAt" : 2,
                "uploadedBy" : "uploadedBy",
                "tenant" : {
                    "createdAt" : 2,
                    "createdBy" : "createdBy",
                    "modifiedAt" : 7,
                    "name" : "name",
                    "modifiedBy" : "modifiedBy",
                    "id" : "id",

```

```
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    }, {
      "modifiedAt" : 5,
      "source" : "KMaas",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncedAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    } ],
    "first" : true,
    "totalElements" : 4
  },
  "hashType" : "hashType"
},
"state" : "CRYPTO_KEY_VERSION_STATE_UNSPECIFIED",
"protectionLevel" : "SOFTWARE",
"uploadedBy" : "uploadedBy",
"importTime" : "2000-01-23T04:56:07.000+00:00",
"algorithm" : "GOOGLE_SYMMETRIC_ENCRYPTION",
"primary" : true
},
"status" : "CREATED"
} ]
},
"_links" : {
  "key" : {
    "templated" : true,
    "rel" : "rel",
    "href" : "href"
  }
}
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfGoogleCloudKey](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudKeys/search/findByAutoRotateUserAndAutoRotate

Up

findByAutoRotateUserAndAutoRotateGoogleCloudKey (findByAutoRotateUserAndAutoRotateGoogleCloudKeyUsingGET)

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

autoRotate (optional)

Query Parameter – autoRotate

autoRotateUser (optional)

Query Parameter – autoRotateUser

Return type

[ResourcesOfGoogleCloudKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourcesOfGoogleCloudKey](#)

401

Unauthorized

403

Forbidden

GET /rest/googleCloudKeys/search/findByKeyName

findByKeyNameGoogleCloudKey (findByKeyNameGoogleCloudKeyUsingGET)

Request headers

- Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
- x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- param0 (optional)
Query Parameter – param0

Return type
[ResourceOfOptionalOfGoogleCloudKey](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

- Responses
- 200
OK [ResourceOfOptionalOfGoogleCloudKey](#)
- 401
Unauthorized
- 403
Forbidden
- 404
Not Found

GET /rest/googleCloudKeys/search/findByName

findByNameGoogleCloudKey (findByNameGoogleCloudKeyUsingGET)

Request headers

- Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
- x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- name (optional)
Query Parameter – name

Return type
[ResourceOfGoogleCloudKey](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

- Responses
- 200
OK [ResourceOfGoogleCloudKey](#)
- 401
Unauthorized
- 403
Forbidden
- 404
Not Found

GET /rest/googleCloudKeys/{id}

findOneGoogleCloudKey (findOneGoogleCloudKeyUsingGET)

Path parameters

- id (required)
Path Parameter – id

Request headers

- Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfGoogleCloudKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudKey](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudKeys/{id}/{versionId}/publicKey

Up

Get public key for asymmetric keys ([getPublicKeyUsingGET](#))

Path parameters

id (required)

Path Parameter – id

versionId (required)

Path Parameter – versionId

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

401

Unauthorized

403

Forbidden

404

Not Found

POST /rest/googleCloudKeys/cancelDeleteKeyVersion

Up

Cancel schedule deletion of cryptoKeyVersion. Version will be restored by Google Cloud if within 24 hours of scheduled destruction. ([restoreVersionUsingPOST](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [GoogleKeyDestroyRestoreData](#) (required)

Body Parameter – data

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /rest/googleCloudKeys/scheduleDeleteKeyVersion

Schedule deletion of cryptoKeyVersion. Version will be deleted by Google Cloud in 24 hours. ([scheduleDeleteUsingPOST](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [GoogleKeyDestroyRestoreData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/googleCloudKeys/keys

Get GoogleCloudKeys by searching name, key vault, key version, exoFrom, expTo, and source key ([searchGoogleKeysUsingGET](#))

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

autoRotate (optional)
Query Parameter — autoRotate

hideEKM (optional)
Query Parameter — hideEKM

isPrimaryVersion (optional)
Query Parameter — isPrimaryVersion

keyId (optional)
Query Parameter — keyId

keyMaterialOrigin (optional)
Query Parameter — keyMaterialOrigin

keyRingId (optional)
Query Parameter — keyRingId

labels (optional)
Query Parameter — labels

location (optional)
Query Parameter — location

page (optional)
Query Parameter — format: int32

projectId (optional)
Query Parameter — projectId

projectName (optional)
Query Parameter — projectName

purpose (optional)
Query Parameter — purpose

search (optional)
Query Parameter — search

size (optional)
Query Parameter — format: int32

sort (optional)
Query Parameter —

state (optional)
Query Parameter — state

templateAlgorithm (optional)
Query Parameter — templateAlgorithm

templateProtectionLevel (optional)
Query Parameter — templateProtectionLevel

versionAlgorithm (optional)
Query Parameter — versionAlgorithm

versionProtectionLevel (optional)
Query Parameter — versionProtectionLevel

Return type
[Page](#)

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [Page](#)
401
Unauthorized
403
Forbidden
404
Not Found

POST /rest/googleCloudKeys/synchronize

Up

Synchronize all GoogleCloudKeys that this user has proper permissions in given projects. If skipKeyRingSynchronization is set to true, CCKM will use the list of keyRings that are saved in CCKM to synchronize keys. (synchronizeAllKeysUsingPOST2)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [GoogleSynchronizeData](#) (optional)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/googleCloudKeys/{id}/update

Up

Update cryptoKey. If key purpose is symmetric, allowed values are: primaryId, labels, rotationPeriod and nextRotationTime. If key purpose is asymmetric, allowed values are: labels and versionTemplateAlgorithm (updateKeyUsingPUT)

Path parameters
id (required)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [GoogleKeyUpdateData](#) (required)

Body Parameter — data

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

POST /rest/googleCloudKeys/upload

Up

Upload a new CryptoKey. Key material will be generated in Key Provider (uploadUsingPOST1)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [GoogleKeyRequestData](#) (required)

Body Parameter — data

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

GoogleCloudRefreshTokenEntity

GET /rest/googleCloudRefreshTokens

Up

findAllGoogleCloudRefreshToken (findAllGoogleCloudRefreshTokenUsingGET)

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter – page

size (optional)

Query Parameter – size

sort (optional)

Query Parameter – sort

Return type

[ResourcesOfGoogleCloudRefreshToken](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "googleCloudRefreshTokens" : [ {
      "encryptedRefreshToken" : "encryptedRefreshToken",
      "userPassword" : "userPassword",
      "clientId" : "clientId",
      "_id" : "_id",
      "userId" : "userId"
    }, {
      "encryptedRefreshToken" : "encryptedRefreshToken",
      "userPassword" : "userPassword",
      "clientId" : "clientId",
      "_id" : "_id",
      "userId" : "userId"
    } ]
  },
  "_links" : {
    "key" : {
      "templated" : true,
      "rel" : "rel",
      "href" : "href"
    }
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfGoogleCloudRefreshToken](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudRefreshTokens/search/findByClientIdAndAndUserId

Up

findByClientIdAndAndUserIdGoogleCloudRefreshToken (findByClientIdAndAndUserIdGoogleCloudRefreshTokenUsingGET)

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

clientId (optional)

Query Parameter – clientId

userId (optional)

Query Parameter – userId

Return type

[ResourceOfGoogleCloudRefreshToken](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudRefreshToken](#)

401

Unauthorized

403
Forbidden
404
Not Found

GET /rest/googleCloudRefreshTokens/search/findByClientID

Up

findByClientIDGoogleCloudRefreshToken (findByClientIDGoogleCloudRefreshTokenUsingGET)

Request headers

- Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
- x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

- param0 (optional)
Query Parameter — param0

Return type
[ResourceOfGoogleCloudRefreshToken](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

- Responses
- 200
OK [ResourceOfGoogleCloudRefreshToken](#)
- 401
Unauthorized
- 403
Forbidden
- 404
Not Found

GET /rest/googleCloudRefreshTokens/{id}

Up

findOneGoogleCloudRefreshToken (findOneGoogleCloudRefreshTokenUsingGET)

Path parameters

- id (required)
Path Parameter — id

Request headers

- Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
- x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfGoogleCloudRefreshToken](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

- Responses
- 200
OK [ResourceOfGoogleCloudRefreshToken](#)
- 401
Unauthorized
- 403
Forbidden
- 404
Not Found

GoogleCloudScheduleEntity

POST /rest/googleCloudSchedules

Up

Create an Google Cloud Schedule (createUsingPOST4)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

- schedule [GoogleCloudSchedule](#) (optional)
Body Parameter — Required parameters:

jobType,
pause,
cron or (startDate, interval, and intervalUnit),
username,
password // Google Cloud Username and Password

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

- 200
OK [String](#)
- 201
Created
- 401
Unauthorized
- 403
Forbidden
- 404
Not Found

DELETE /rest/googleCloudSchedules/{id}

Up

Delete a GCP Schedule (`deleteUsingDELETE1`)

Path parameters

- id (required)**
Path Parameter – id

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

- 200
OK [String](#)
- 204
No Content
- 401
Unauthorized
- 403
Forbidden

GET /rest/googleCloudSchedules

Up

findAllGoogleCloudSchedule (`findAllGoogleCloudScheduleUsingGET`)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)**
Query Parameter – page

size (optional)
Query Parameter — size

sort (optional)
Query Parameter — sort

Return type
[ResourcesOfGoogleCloudSchedule](#)

Example data
Content-Type: application/json

```
{
  "_embedded": {
    "googleCloudSchedules": [ {
      "cron": "cron",
      "humanReadableCron": "humanReadableCron",
      "modifiedAt": 5,
      "intervalUnit": "Hour",
      "description": "description",
      "fixedRateSchedule": true,
      "pause": true,
      "createdAt": 0,
      "password": "password",
      "applyOnExpiration": true,
      "createdBy": "createdBy",
      "intervalUnitKeyExpiration": "Hour",
      "name": "name",
      "interval": 6,
      "modifiedBy": "modifiedBy",
      "id": "id",
      "jobType": "KEY_ROTATION",
      "intervalKeyExpiration": 1,
      "startDate": 5,
      "tenant": {
        "createdAt": 2,
        "createdBy": "createdBy",
        "modifiedAt": 7,
        "name": "name",
        "modifiedBy": "modifiedBy",
        "id": "id",
        "cloudService": "cloudService"
      },
      "username": "username"
    }, {
      "cron": "cron",
      "humanReadableCron": "humanReadableCron",
      "modifiedAt": 5,
      "intervalUnit": "Hour",
      "description": "description",
      "fixedRateSchedule": true,
      "pause": true,
      "createdAt": 0,
      "password": "password",
      "applyOnExpiration": true,
      "createdBy": "createdBy",
      "intervalUnitKeyExpiration": "Hour",
      "name": "name",
      "interval": 6,
      "modifiedBy": "modifiedBy",
      "id": "id",
      "jobType": "KEY_ROTATION",
      "intervalKeyExpiration": 1,
      "startDate": 5,
      "tenant": {
        "createdAt": 2,
        "createdBy": "createdBy",
        "modifiedAt": 7,
        "name": "name",
        "modifiedBy": "modifiedBy",
        "id": "id",
        "cloudService": "cloudService"
      },
      "username": "username"
    } ]
  },
  "_links": {
    "key": {
      "templated": true,
      "rel": "rel",
      "href": "href"
    }
  }
}
```

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses
200
OK [ResourcesOfGoogleCloudSchedule](#)
401
Unauthorized
403
Forbidden
404
Not Found

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

jobType (optional)

Query Parameter — jobType

name (optional)

Query Parameter — name

tenant (optional)

Query Parameter — tenant

username (optional)

Query Parameter — username

Return type

[ResourcesOfGoogleCloudSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourcesOfGoogleCloudSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudSchedules/{id}

Up

Get GCPSchedule based on the ID ([getScheduleByIdUsingGET](#))

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[GoogleCloudScheduleOutput](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [GoogleCloudScheduleOutput](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudSchedules/schedule

Up

Get list of GCPSchedule and IDs for a user ([getScheduleByUserNameUsingGET2](#))

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter — format: int32

size (optional)

Query Parameter — format: int32

sort (optional)

Query Parameter —

username (required)

Query Parameter — username

Return type

[GoogleCloudScheduleOutput](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [GoogleCloudScheduleOutput](#)

401

Unauthorized

403

Forbidden

404

Not Found

PATCH /rest/googleCloudSchedules/{id}

saveGoogleCloudSchedule (saveGoogleCloudScheduleUsingPATCH)

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [GoogleCloudSchedule](#) (required)

Body Parameter — body

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfGoogleCloudSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudSchedule](#)

204

No Content

401

Unauthorized

403

Forbidden

PUT /rest/googleCloudSchedules/{id}

Update a GCPSchedule (updateUsingPUT4)

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [GoogleCloudSchedule](#) (required)

Body Parameter — Parameters:

jobType,

description,

pause,

cron or (startDate, interval, and intervalUnit),

username,

password // Google cloud username and password

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * /*

- Responses
- 200
OK [String](#)
 - 201
Created
 - 401
Unauthorized
 - 403
Forbidden
 - 404
Not Found

GoogleCloudServiceAccountEntity

POST /rest/googleCloudServiceAccounts

Up

Register a Google Cloud Service Account in CCKM ([addUsingPOST](#))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
data [CreateRequestData](#) (required)
Body Parameter — data

- Request headers
- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
 - Cookie (required)**
Header Parameter — Provide the JsessionId
 - X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
 - x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[GoogleCloudServiceAccount](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * /*

- Responses
- 200
OK [GoogleCloudServiceAccount](#)
 - 201
Created
 - 401
Unauthorized
 - 403
Forbidden
 - 404
Not Found

DELETE /rest/googleCloudServiceAccounts/{id}

Up

Unregister Google Cloud Service Account in CCKM ([deleteUsingDELETE2](#))

Path parameters
id (required)
Path Parameter — id

- Request headers
- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
 - Cookie (required)**
Header Parameter — Provide the JsessionId
 - X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/googleCloudServiceAccounts/{id}

Up

Get a Google Cloud Service Account ([getUsingGET](#))

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[GoogleCloudServiceAccount](#)

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [GoogleCloudServiceAccount](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/googleCloudServiceAccounts

Up

List Google Cloud Service Accounts ([listUsingGET](#))

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
array[[GoogleCloudServiceAccount](#)]

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/googleCloudServiceAccounts/{id}

Up

Update Google Cloud Service Account password and key ([updateUsingPUT5](#))

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- [application/json](#)

Request body

data [UpdateRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[GoogleCloudServiceAccount](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [GoogleCloudServiceAccount](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GoogleCloudTenantEntity

DELETE /rest/googleCloudTenants/{id}

Up

deleteGoogleCloudTenant ([deleteGoogleCloudTenantUsingDELETE](#))

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/googleCloudTenants

Up

findAllGoogleCloudTenant ([findAllGoogleCloudTenantUsingGET](#))

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)**
Query Parameter – page
- size (optional)**
Query Parameter – size
- sort (optional)**
Query Parameter – sort

Return type
[ResourcesOfGoogleCloudTenant](#)

Example data
Content-Type: application/json

```
{
  "_embedded" : {
    "googleCloudTenants" : [ {
      "createdAt" : 0,
      "googleAccountId" : "googleAccountId",
      "createdBy" : "createdBy",
      "modifiedAt" : 6,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    }, {
      "createdAt" : 0,
      "googleAccountId" : "googleAccountId",
      "createdBy" : "createdBy",
      "modifiedAt" : 6,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    } ]
  },
  "_links" : {
    "_key" : {
      "templated" : true,
      "rel" : "rel",
      "href" : "href"
    }
  }
}
```

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses
200
OK [ResourcesOfGoogleCloudTenant](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/googleCloudTenants/search/findByGoogleAccountIdAndCloudService

Up

findByGoogleAccountIdAndCloudServiceGoogleCloudTenant (findByGoogleAccountIdAndCloudServiceGoogleCloudTenantUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- param0 (optional)**
Query Parameter – param0
- param1 (optional)**
Query Parameter – param1

Return type
[ResourceOfGoogleCloudTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfGoogleCloudTenant](#)
401
Unauthorized
403

GET /rest/googleCloudTenants/search/findByGoogleAccountId

Up

findByGoogleAccountIdGoogleCloudTenant (findByGoogleAccountIdGoogleCloudTenantUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

param0 (optional)

Query Parameter — param0

Return type

[ResourceOfGoogleCloudTenant](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudTenant](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudTenants/search/findByNameAndCloudService

Up

findByNameAndCloudServiceGoogleCloudTenant (findByNameAndCloudServiceGoogleCloudTenantUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

param0 (optional)

Query Parameter — param0

param1 (optional)

Query Parameter — param1

Return type

[ResourceOfGoogleCloudTenant](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudTenant](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudTenants/search/findByName

Up

findByNameGoogleCloudTenant (findByNameGoogleCloudTenantUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

param0 (optional)

Query Parameter — param0

Return type

[ResourceOfGoogleCloudTenant](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudTenant](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudTenants/{id}

Up

findOneGoogleCloudTenant (findOneGoogleCloudTenantUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfGoogleCloudTenant](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudTenant](#)

401

Unauthorized

403

Forbidden

404

Not Found

PATCH /rest/googleCloudTenants/{id}

Up

saveGoogleCloudTenant (saveGoogleCloudTenantUsingPATCH)

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [GoogleCloudTenant](#) (required)

Body Parameter — body

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfGoogleCloudTenant](#)

Example data
Content-Type:

Produces
This API produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfGoogleCloudTenant](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/googleCloudTenants

Up

saveGoogleCloudTenant (saveGoogleCloudTenantUsingPOST)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [GoogleCloudTenant](#) (required)
Body Parameter — body

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfGoogleCloudTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfGoogleCloudTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/googleCloudTenants/{id}

Up

saveGoogleCloudTenant (saveGoogleCloudTenantUsingPUT)

Path parameters
id (required)
Path Parameter — id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [GoogleCloudTenant](#) (required)
Body Parameter — body

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfGoogleCloudTenant](#)

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfGoogleCloudTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GoogleCloudUserEntity

DELETE /rest/googleCloudUsers/{id}

Up

deleteGoogleCloudUser (deleteGoogleCloudUserUsingDELETE)

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/googleCloudUsers

Up

findAllGoogleCloudUser (findAllGoogleCloudUserUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)
Query Parameter — page

size (optional)
Query Parameter — size

sort (optional)
Query Parameter — sort

Return type

[ResourcesOfGoogleCloudUser](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "googleCloudUsers" : [ {
      "keysWithListVersion" : [ "keysWithListVersion", "keysWithListVersion" ],
      "sub" : "sub",
      "modifiedAt" : 6,
      "keyId" : "keyId",
      "keyListKeyRings" : [ "keyListKeyRings", "keyListKeyRings" ],
      "keyRingsWithListKey" : [ {
        "keyRingId" : "keyRingId",
        "createTime" : "createTime",
        "myPermissions" : [ "myPermissions", "myPermissions" ],
        "name" : "name",
        "location" : {
          "metadata" : {
            "key" : "metadata"
          },
          "displayName" : "displayName",
          "locationId" : "locationId",
          "ekmAvailable" : true,
```

```

    "hsmAvailable" : true,
    "name" : "name",
    "labels" : {
      "key" : "labels"
    }
  }, {
    "projectName" : "projectName",
    "projectId" : "projectId",
    "policy" : {
      "bindings" : [ {
        "role" : "role",
        "members" : [ "members", "members" ]
      }, {
        "role" : "role",
        "members" : [ "members", "members" ]
      } ],
      "etag" : "etag",
      "version" : "version"
    }
  }, {
    "keyRingId" : "keyRingId",
    "createTime" : "createTime",
    "myPermissions" : [ "myPermissions", "myPermissions" ],
    "name" : "name",
    "location" : {
      "metadata" : {
        "key" : "metadata"
      },
      "displayName" : "displayName",
      "locationId" : "locationId",
      "ekmAvailable" : true,
      "hsmAvailable" : true,
      "name" : "name",
      "labels" : {
        "key" : "labels"
      }
    }
  }, {
    "projectName" : "projectName",
    "projectId" : "projectId",
    "policy" : {
      "bindings" : [ {
        "role" : "role",
        "members" : [ "members", "members" ]
      }, {
        "role" : "role",
        "members" : [ "members", "members" ]
      } ],
      "etag" : "etag",
      "version" : "version"
    }
  }, {
    "synchronizedKeyRings" : [ {
      "keyRingId" : "keyRingId",
      "createTime" : "createTime",
      "myPermissions" : [ "myPermissions", "myPermissions" ],
      "name" : "name",
      "location" : {
        "metadata" : {
          "key" : "metadata"
        },
        "displayName" : "displayName",
        "locationId" : "locationId",
        "ekmAvailable" : true,
        "hsmAvailable" : true,
        "name" : "name",
        "labels" : {
          "key" : "labels"
        }
      }
    }, {
      "projectName" : "projectName",
      "projectId" : "projectId",
      "policy" : {
        "bindings" : [ {
          "role" : "role",
          "members" : [ "members", "members" ]
        }, {
          "role" : "role",
          "members" : [ "members", "members" ]
        } ],
        "etag" : "etag",
        "version" : "version"
      }
    }, {
      "keyRingId" : "keyRingId",
      "createTime" : "createTime",
      "myPermissions" : [ "myPermissions", "myPermissions" ],
      "name" : "name",
      "location" : {
        "metadata" : {
          "key" : "metadata"
        },
        "displayName" : "displayName",
        "locationId" : "locationId",
        "ekmAvailable" : true,
        "hsmAvailable" : true,
        "name" : "name",
        "labels" : {
          "key" : "labels"
        }
      }
    }, {
      "projectName" : "projectName",
      "projectId" : "projectId",
      "policy" : {
        "bindings" : [ {
          "role" : "role",
          "members" : [ "members", "members" ]
        }, {
          "role" : "role",
          "members" : [ "members", "members" ]
        } ],
        "etag" : "etag",
        "version" : "version"
      }
    }
  ], {
    "tid" : "tid",
    "keyCreateDate" : "2000-01-23T04:56:07.000+00:00",

```



```

"keyExpireDate" : "2000-01-23T04:56:07.000+00:00",
"createdAt" : 0,
"synchronizedKeyRingsPerProject" : {
  "key" : [ {
    "keyRingId" : "keyRingId",
    "createTime" : "createTime",
    "myPermissions" : [ "myPermissions", "myPermissions" ],
    "name" : "name",
    "location" : {
      "metadata" : {
        "key" : "metadata"
      },
      "displayName" : "displayName",
      "locationId" : "locationId",
      "ekmAvailable" : true,
      "hsmAvailable" : true,
      "name" : "name",
      "labels" : {
        "key" : "labels"
      }
    },
    "projectName" : "projectName",
    "projectId" : "projectId",
    "policy" : {
      "bindings" : [ {
        "role" : "role",
        "members" : [ "members", "members" ]
      }, {
        "role" : "role",
        "members" : [ "members", "members" ]
      } ],
      "etag" : "etag",
      "version" : "version"
    }
  }, {
    "keyRingId" : "keyRingId",
    "createTime" : "createTime",
    "myPermissions" : [ "myPermissions", "myPermissions" ],
    "name" : "name",
    "location" : {
      "metadata" : {
        "key" : "metadata"
      },
      "displayName" : "displayName",
      "locationId" : "locationId",
      "ekmAvailable" : true,
      "hsmAvailable" : true,
      "name" : "name",
      "labels" : {
        "key" : "labels"
      }
    },
    "projectName" : "projectName",
    "projectId" : "projectId",
    "policy" : {
      "bindings" : [ {
        "role" : "role",
        "members" : [ "members", "members" ]
      }, {
        "role" : "role",
        "members" : [ "members", "members" ]
      } ],
      "etag" : "etag",
      "version" : "version"
    }
  } ],
  "password" : "password",
  "tenantDisplayName" : "tenantDisplayName",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "email" : "email",
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
  },
  "email_verified" : true,
  "cckmId" : "cckmId",
  "active" : true,
  "keysWithListVersionPerProject" : {
    "key" : [ "keysWithListVersionPerProject", "keysWithListVersionPerProject" ]
  },
  "serviceAccount" : true,
  "sessionId" : "sessionId",
  "given_name" : "given_name",
  "is_first_login" : true,
  "unique_name" : "unique_name",
  "upn" : "upn",
  "createdBy" : "createdBy",
  "name" : "name",
  "hd" : "hd",
  "family_name" : "family_name"
}, {
  "keysWithListVersion" : [ "keysWithListVersion", "keysWithListVersion" ],
  "sub" : "sub",
  "modifiedAt" : 6,
  "keyId" : "keyId",
  "keyListKeyRings" : [ "keyListKeyRings", "keyListKeyRings" ],
  "keyRingsWithListKey" : [ {
    "keyRingId" : "keyRingId",
    "createTime" : "createTime",
    "myPermissions" : [ "myPermissions", "myPermissions" ],
    "name" : "name",
    "location" : {
      "metadata" : {
        "key" : "metadata"
      },
      "displayName" : "displayName",
      "locationId" : "locationId",
      "ekmAvailable" : true,
      "hsmAvailable" : true,

```

```

    "name" : "name",
    "labels" : {
        "key" : "labels"
    }
}, {
    "projectName" : "projectName",
    "projectId" : "projectId",
    "policy" : {
        "bindings" : [ {
            "role" : "role",
            "members" : [ "members", "members" ]
        }, {
            "role" : "role",
            "members" : [ "members", "members" ]
        } ],
        "etag" : "etag",
        "version" : "version"
    }
}, {
    "keyRingId" : "keyRingId",
    "createTime" : "createTime",
    "myPermissions" : [ "myPermissions", "myPermissions" ],
    "name" : "name",
    "location" : {
        "metadata" : {
            "key" : "metadata"
        },
        "displayName" : "displayName",
        "locationId" : "locationId",
        "ekmAvailable" : true,
        "hsmAvailable" : true,
        "name" : "name",
        "labels" : {
            "key" : "labels"
        }
    },
    "projectName" : "projectName",
    "projectId" : "projectId",
    "policy" : {
        "bindings" : [ {
            "role" : "role",
            "members" : [ "members", "members" ]
        }, {
            "role" : "role",
            "members" : [ "members", "members" ]
        } ],
        "etag" : "etag",
        "version" : "version"
    }
} ],
"synchronizedKeyRings" : [ {
    "keyRingId" : "keyRingId",
    "createTime" : "createTime",
    "myPermissions" : [ "myPermissions", "myPermissions" ],
    "name" : "name",
    "location" : {
        "metadata" : {
            "key" : "metadata"
        },
        "displayName" : "displayName",
        "locationId" : "locationId",
        "ekmAvailable" : true,
        "hsmAvailable" : true,
        "name" : "name",
        "labels" : {
            "key" : "labels"
        }
    },
    "projectName" : "projectName",
    "projectId" : "projectId",
    "policy" : {
        "bindings" : [ {
            "role" : "role",
            "members" : [ "members", "members" ]
        }, {
            "role" : "role",
            "members" : [ "members", "members" ]
        } ],
        "etag" : "etag",
        "version" : "version"
    }
} ],
{
    "keyRingId" : "keyRingId",
    "createTime" : "createTime",
    "myPermissions" : [ "myPermissions", "myPermissions" ],
    "name" : "name",
    "location" : {
        "metadata" : {
            "key" : "metadata"
        },
        "displayName" : "displayName",
        "locationId" : "locationId",
        "ekmAvailable" : true,
        "hsmAvailable" : true,
        "name" : "name",
        "labels" : {
            "key" : "labels"
        }
    },
    "projectName" : "projectName",
    "projectId" : "projectId",
    "policy" : {
        "bindings" : [ {
            "role" : "role",
            "members" : [ "members", "members" ]
        }, {
            "role" : "role",
            "members" : [ "members", "members" ]
        } ],
        "etag" : "etag",
        "version" : "version"
    }
} ],
"tid" : "tid",
"keyCreateDate" : "2000-01-23T04:56:07.000+00:00",
"keyExpireDate" : "2000-01-23T04:56:07.000+00:00",

```

```

"createdAt" : 0,
"synchronizedKeyRingsPerProject" : {
  "key" : [ {
    "keyRingId" : "keyRingId",
    "createTime" : "createTime",
    "myPermissions" : [ "myPermissions", "myPermissions" ],
    "name" : "name",
    "location" : {
      "metadata" : {
        "key" : "metadata"
      },
      "displayName" : "displayName",
      "locationId" : "locationId",
      "ekmAvailable" : true,
      "hsmAvailable" : true,
      "name" : "name",
      "labels" : {
        "key" : "labels"
      }
    },
    "projectName" : "projectName",
    "projectId" : "projectId",
    "policy" : {
      "bindings" : [ {
        "role" : "role",
        "members" : [ "members", "members" ]
      }, {
        "role" : "role",
        "members" : [ "members", "members" ]
      } ],
      "etag" : "etag",
      "version" : "version"
    }
  }, {
    "keyRingId" : "keyRingId",
    "createTime" : "createTime",
    "myPermissions" : [ "myPermissions", "myPermissions" ],
    "name" : "name",
    "location" : {
      "metadata" : {
        "key" : "metadata"
      },
      "displayName" : "displayName",
      "locationId" : "locationId",
      "ekmAvailable" : true,
      "hsmAvailable" : true,
      "name" : "name",
      "labels" : {
        "key" : "labels"
      }
    },
    "projectName" : "projectName",
    "projectId" : "projectId",
    "policy" : {
      "bindings" : [ {
        "role" : "role",
        "members" : [ "members", "members" ]
      }, {
        "role" : "role",
        "members" : [ "members", "members" ]
      } ],
      "etag" : "etag",
      "version" : "version"
    }
  } ]
},
"password" : "password",
"tenantDisplayName" : "tenantDisplayName",
"modifiedBy" : "modifiedBy",
"id" : "id",
"email" : "email",
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"email_verified" : true,
"cckmId" : "cckmId",
"active" : true,
"keysWithListVersionPerProject" : {
  "key" : [ "keysWithListVersionPerProject", "keysWithListVersionPerProject" ]
},
"serviceAccount" : true,
"sessionId" : "sessionId",
"given_name" : "given_name",
"is_first_login" : true,
"unique_name" : "unique_name",
"upn" : "upn",
"createdBy" : "createdBy",
"name" : "name",
"hd" : "hd",
"family_name" : "family_name"
} ]
},
"_links" : {
  "key" : {
    "templated" : true,
    "rel" : "rel",
    "href" : "href"
  }
}
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200
OK [ResourcesOfGoogleCloudUser](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/googleCloudUsers/search/findByEmailAndTenant

Up

findByEmailAndTenantGoogleCloudUser (findByEmailAndTenantGoogleCloudUserUsingGET)

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

email (optional)

Query Parameter – email

tenant (optional)

Query Parameter – tenant

Return type

[ResourceOfGoogleCloudUser](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfGoogleCloudUser](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/googleCloudUsers/search/findByEmail

Up

findByEmailGoogleCloudUser (findByEmailGoogleCloudUserUsingGET)

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

email (optional)

Query Parameter – email

Return type

[ResourceOfGoogleCloudUser](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfGoogleCloudUser](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/googleCloudUsers/search/findByNameAndTenant

Up

findByNameAndTenantGoogleCloudUser (findByNameAndTenantGoogleCloudUserUsingGET)

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

Name (optional)

Query Parameter — Name

Tenant (optional)

Query Parameter — Tenant

Return type

[ResourceOfGoogleCloudUser](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudUser](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudUsers/search/findByName

Up

findByNameGoogleCloudUser (findByNameGoogleCloudUserUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

Name (optional)

Query Parameter — Name

Return type

[ResourceOfGoogleCloudUser](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudUser](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudUsers/search/findByServiceAccount

Up

findByServiceAccountGoogleCloudUser (findByServiceAccountGoogleCloudUserUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

ServiceAccount (optional)

Query Parameter — ServiceAccount

Return type

[ResourcesOfGoogleCloudUser](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourcesOfGoogleCloudUser](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudUsers/search/findBySub

Up

findBySubGoogleCloudUser (findBySubGoogleCloudUserUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

sub (optional)

Query Parameter — sub

Return type

[ResourceOfGoogleCloudUser](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudUser](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/googleCloudUsers/{id}

Up

findOneGoogleCloudUser (findOneGoogleCloudUserUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfGoogleCloudUser](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfGoogleCloudUser](#)

401

Unauthorized

403

Forbidden

404

Not Found

DELETE /rest/googleCloudUsers/{id}/tenant

Up

googleCloudUserTenant (googleCloudUserTenantUsingDELETE)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/googleCloudUsers/{id}/tenant

googleCloudUserTenant (googleCloudUserTenantUsingGET)

Up

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/hal+json

Responses

200
OK [ResourceOfTenant](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/googleCloudUsers/{id}/tenant

googleCloudUserTenant (googleCloudUserTenantUsingPATCH)

Up

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfTenant](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/googleCloudUsers/{id}/tenant

Up

googleCloudUserTenant (googleCloudUserTenantUsingPOST)

Path parameters

id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter – body

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/googleCloudUsers/{id}/tenant

Up

googleCloudUserTenant (googleCloudUserTenantUsingPUT)

Path parameters

id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter – body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/googleCloudUsers/{id}

Up

saveGoogleCloudUser (saveGoogleCloudUserUsingPATCH)

Path parameters
id (required)
Path Parameter — id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [GoogleCloudUser](#) (required)
Body Parameter — body

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfGoogleCloudUser](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfGoogleCloudUser](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/googleCloudUsers

Up

saveGoogleCloudUser (saveGoogleCloudUserUsingPOST)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [GoogleCloudUser](#) (required)
Body Parameter — body

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfGoogleCloudUser](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfGoogleCloudUser](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/googleCloudUsers/{id} Up

saveGoogleCloudUser (saveGoogleCloudUserUsingPUT)

Path parameters

id (required)
Path Parameter — id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [GoogleCloudUser](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfGoogleCloudUser](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfGoogleCloudUser](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GoogleCloudUserInfoEntity

GET /rest/googleCloudUserInfo/{permission}/myKeyRings Up

Get Google Cloud Key Rings with given permissions for user (getKeyRingsUsingGET)

Path parameters

permission (required)
Path Parameter — permission

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[Page](#)

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [Page](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/googleCloudUserInfo/list/myProjects [Up](#)

Get Google Cloud Projects for current user ([getProjectsAndLocationsUsingGET](#))

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[Page](#)

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [Page](#)
401
Unauthorized
403
Forbidden
404
Not Found

IbmKeyEntity

PUT /rest/ibmKeys/{id}/autorotate [Up](#)

Enable or disable an IBM Cloud key to be auto rotated in this user's KEY_ROTATION schedule ([autorotateUsingPUT2](#))

Path parameters

id (required)
Path Parameter — id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [AutoRotateRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

--

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /rest/ibmKeys/create Up

Create a new IbmKey. Key material will be generated in Ibm ([createUsingPOST5](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [IbmNativeKeyRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/ibmKeys/{id}/delete Up

Delete an IBM Cloud key in IBM Cloud and CCKM ([deleteUsingPUT1](#))

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created

401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/ibmKeys

findAllIbmKey (findAllIbmKeyUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter — page

size (optional)

Query Parameter — size

sort (optional)

Query Parameter — sort

Return type

[ResourcesOfIbmKey](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "ibmKeys" : [ {
      "nonactiveStateReason" : 9,
      "backup" : {
        "modifiedAt" : 6,
        "nShieldKeyBlob" : "nShieldKeyBlob",
        "certificate" : "certificate",
        "description" : "description",
        "keyId" : "keyId",
        "publicKey" : {
          "length" : 1,
          "value" : "value",
          "hash" : "hash"
        },
        "allTenant" : true,
        "sourceKeyTier" : "sourceKeyTier",
        "createdAt" : 0,
        "blobUUID" : "blobUUID",
        "protected" : true,
        "provider" : "DSM",
        "requestId" : "requestId",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "tenant" : {
          "createdAt" : 2,
          "createdBy" : "createdBy",
          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "algorithm" : "algorithm",
        "keySource" : "KMaaS",
        "restrictDeletion" : true,
        "secretKey" : {
          "length" : 1,
          "value" : "value",
          "hash" : "hash"
        },
        "ckcmId" : "ckcmId",
        "iv" : "iv",
        "nonce" : "nonce",
        "keyFormat" : "JWE",
        "privateKey" : {
          "length" : 1,
          "value" : "value",
          "hash" : "hash"
        },
        "blob" : "blob",
        "deleted" : true,
        "createdBy" : "createdBy",
        "service" : "NONE",
        "name" : "name",
        "serviceKeyPage" : {
          "number" : 9,
          "last" : true,
          "numberOfElements" : 3,
          "size" : 2,
          "totalPages" : 7,
          "sort" : { },
          "content" : [ {
            "modifiedAt" : 5,
            "source" : "KMaaS",
            "createdAt" : 5,
            "createdBy" : "createdBy",
            "name" : "name",
            "availableInKeyVault" : true,
            "uploadedAt" : 7,
            "modifiedBy" : "modifiedBy",
            "id" : "id",

```

```

        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
            "createdAt" : 2,
            "createdBy" : "createdBy",
            "modifiedAt" : 7,
            "name" : "name",
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "cloudService" : "cloudService"
        },
        "status" : "CREATED"
    }, {
        "modifiedAt" : 5,
        "source" : "KMaas",
        "createdAt" : 5,
        "createdBy" : "createdBy",
        "name" : "name",
        "availableInKeyVault" : true,
        "uploadedAt" : 7,
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
            "createdAt" : 2,
            "createdBy" : "createdBy",
            "modifiedAt" : 7,
            "name" : "name",
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "cloudService" : "cloudService"
        },
        "status" : "CREATED"
    } ],
    "first" : true,
    "totalElements" : 4
},
"hashType" : "hashType"
},
"lastUpdateDate" : 2,
"modifiedAt" : 7,
"source" : "KMaas",
"autoRotateOnExpire" : true,
"algorithmMetadata" : {
    "bitLength" : "bitLength",
    "mode" : "mode"
},
"createdAt" : 0,
"keyProtectName" : "keyProtectName",
"payload" : "payload",
"createdInIbmBy" : "createdInIbmBy",
"id" : "id",
"state" : 1,
"syncedAt" : 1,
"tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
},
"rotationChainId" : "rotationChainId",
"creationDate" : 6,
"nativeKey" : true,
"tags" : [ "tags", "tags" ],
"accountId" : "accountId",
"deletionDate" : 1,
"versions" : [ {
    "id" : "id",
    "creationDate" : "2000-01-23T04:56:07.000+00:00"
}, {
    "id" : "id",
    "creationDate" : "2000-01-23T04:56:07.000+00:00"
} ],
"keyProtectInstanceId" : "keyProtectInstanceId",
"name" : "name",
"keyMaterialOrigin" : "keyMaterialOrigin",
"uploadedAt" : 1,
"region" : "region",
"status" : "CREATED",
"rotationStatus" : "ACTIVE",
"policies" : [ {
    "createdat" : 3,
    "updatedby" : "updatedby",
    "createdby" : "createdby",
    "lastUpdateDate" : 2,
    "rotation" : {
        "interval_month" : 4
    },
    "id" : "id",
    "type" : "type",
    "crn" : "crn",
    "updatedat" : 7
}, {
    "createdat" : 3,
    "updatedby" : "updatedby",
    "createdby" : "createdby",
    "lastUpdateDate" : 2,
    "rotation" : {
        "interval_month" : 4
    },
    "id" : "id",
    "type" : "type",
    "crn" : "crn",
    "updatedat" : 7
} ],
"description" : "description",
"keyId" : "keyId",
"deletedBy" : "deletedBy",
"imported" : true,
"ibmId" : "ibmId",

```

```

"modifiedBy" : "modifiedBy",
"resourceGroupId" : "resourceGroupId",
"autoRotate" : true,
"keyType" : "AES256",
"uploadedBy" : "uploadedBy",
"crn" : "crn",
"expirationDate" : 5,
"autoRotateUser" : "autoRotateUser",
"lastRotateDate" : 5,
"autoRotateKeyProvider" : "DSM",
"resourceGroupName" : "resourceGroupName",
"autoRotateScheduleName" : "autoRotateScheduleName",
"algorithmType" : "algorithmType",
"deleted" : true,
"createdBy" : "createdBy",
"extractable" : true,
"availableInKeyVault" : true,
"originalKey" : {
  "modifiedAt" : 6,
  "nShieldKeyBlob" : "nShieldKeyBlob",
  "certificate" : "certificate",
  "description" : "description",
  "keyId" : "keyId",
  "publicKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "allTenant" : true,
  "sourceKeyTier" : "sourceKeyTier",
  "createdAt" : 0,
  "blobUUID" : "blobUUID",
  "protected" : true,
  "provider" : "DSM",
  "requestId" : "requestId",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
  },
  "algorithm" : "algorithm",
  "keySource" : "KMaaS",
  "restrictDeletion" : true,
  "secretKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "cckmId" : "cckmId",
  "iv" : "iv",
  "nonce" : "nonce",
  "keyFormat" : "JWE",
  "privateKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "blob" : "blob",
  "deleted" : true,
  "createdBy" : "createdBy",
  "service" : "NONE",
  "name" : "name",
  "serviceKeyPage" : {
    "number" : 9,
    "last" : true,
    "numberOfElements" : 3,
    "size" : 2,
    "totalPages" : 7,
    "sort" : { },
    "content" : [ {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncedAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    } ],
    {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncedAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",

```

```
"modifiedBy": "modifiedBy",  
    "id": "id",  
    "cloudService": "cloudService"  
},  
    "status": "CREATED"  
} ],  
    "first": true,  
    "totalElements": 4  
},  
    "hashType": "hashType"  
}  
}, {  
    "nonactiveStateReason": 9,  
    "backup": {  
        "modifiedAt": 6,  
        "nShieldKeyBlob": "nShieldKeyBlob",  
        "certificate": "certificate",  
        "description": "description",  
        "keyId": "keyId",  
        "publicKey": {  
            "length": 1,  
            "value": "value",  
            "hash": "hash"  
        },  
        "allTenant": true,  
        "sourceKeyTier": "sourceKeyTier",  
        "createdAt": 0,  
        "blobUUID": "blobUUID",  
        "protected": true,  
        "provider": "DSM",  
        "requestId": "requestId",  
        "modifiedBy": "modifiedBy",  
        "id": "id",  
        "tenant": {  
            "createdAt": 2,  
            "createdBy": "createdBy",  
            "modifiedAt": 7,  
            "name": "name",  
            "modifiedBy": "modifiedBy",  
            "id": "id",  
            "cloudService": "cloudService"  
        },  
        "algorithm": "algorithm",  
        "keySource": "KMaas",  
        "restrictDeletion": true,  
        "secretKey": {  
            "length": 1,  
            "value": "value",  
            "hash": "hash"  
        },  
        "cckmId": "cckmId",  
        "iv": "iv",  
        "nonce": "nonce",  
        "keyFormat": "JWE",  
        "privateKey": {  
            "length": 1,  
            "value": "value",  
            "hash": "hash"  
        },  
        "blob": "blob",  
        "deleted": true,  
        "createdBy": "createdBy",  
        "service": "NONE",  
        "name": "name",  
        "serviceKeyPage": {  
            "number": 9,  
            "last": true,  
            "numberOfElements": 3,  
            "size": 2,  
            "totalPages": 7,  
            "sort": {},  
            "content": [{  
                "modifiedAt": 5,  
                "source": "KMaas",  
                "createdAt": 5,  
                "createdBy": "createdBy",  
                "name": "name",  
                "availableInKeyVault": true,  
                "uploadedAt": 7,  
                "modifiedBy": "modifiedBy",  
                "id": "id",  
                "keyType": "AES256",  
                "syncdAt": 2,  
                "uploadedBy": "uploadedBy",  
                "tenant": {  
                    "createdAt": 2,  
                    "createdBy": "createdBy",  
                    "modifiedAt": 7,  
                    "name": "name",  
                    "modifiedBy": "modifiedBy",  
                    "id": "id",  
                    "cloudService": "cloudService"  
                },  
                "status": "CREATED"  
            }],  
            "modifiedAt": 5,  
            "source": "KMaas",  
            "createdAt": 5,  
            "createdBy": "createdBy",  
            "name": "name",  
            "availableInKeyVault": true,  
            "uploadedAt": 7,  
            "modifiedBy": "modifiedBy",  
            "id": "id",  
            "keyType": "AES256",  
            "syncdAt": 2,  
            "uploadedBy": "uploadedBy",  
            "tenant": {  
                "createdAt": 2,  
                "createdBy": "createdBy",  
                "modifiedAt": 7,  
                "name": "name",  
                "modifiedBy": "modifiedBy",  
                "id": "id",  
                "cloudService": "cloudService"  
            },  
            "status": "CREATED"
```



```

        "status" : "CREATED"
    } ],
    "first" : true,
    "totalElements" : 4
  },
  "hashType" : "hashType"
},
"lastUpdateDate" : 2,
"modifiedAt" : 7,
"source" : "KMaas",
"autoRotateOnExpire" : true,
"algorithmMetadata" : {
  "bitLength" : "bitLength",
  "mode" : "mode"
},
"createdAt" : 0,
"keyProtectName" : "keyProtectName",
"payload" : "payload",
"createdInIbmBy" : "createdInIbmBy",
"id" : "id",
"state" : 1,
"syncedAt" : 1,
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"rotationChainId" : "rotationChainId",
"creationDate" : 6,
"nativeKey" : true,
"tags" : [ "tags", "tags" ],
"accountId" : "accountId",
"deletionDate" : 1,
"versions" : [ {
  "id" : "id",
  "creationDate" : "2000-01-23T04:56:07.000+00:00"
}, {
  "id" : "id",
  "creationDate" : "2000-01-23T04:56:07.000+00:00"
} ],
"keyProtectInstanceId" : "keyProtectInstanceId",
"name" : "name",
"keyMaterialOrigin" : "keyMaterialOrigin",
"uploadedAt" : 1,
"region" : "region",
"status" : "CREATED",
"rotationStatus" : "ACTIVE",
"policies" : [ {
  "createdat" : 3,
  "updatedby" : "updatedby",
  "createdby" : "createdby",
  "lastUpdateDate" : 2,
  "rotation" : {
    "interval_month" : 4
  },
  "id" : "id",
  "type" : "type",
  "crn" : "crn",
  "updatedat" : 7
}, {
  "createdat" : 3,
  "updatedby" : "updatedby",
  "createdby" : "createdby",
  "lastUpdateDate" : 2,
  "rotation" : {
    "interval_month" : 4
  },
  "id" : "id",
  "type" : "type",
  "crn" : "crn",
  "updatedat" : 7
} ],
"description" : "description",
"keyId" : "keyId",
"deletedBy" : "deletedBy",
"imported" : true,
"ibmId" : "ibmId",
"modifiedBy" : "modifiedBy",
"resourceGroupId" : "resourceGroupId",
"autoRotate" : true,
"keyType" : "AES256",
"uploadedBy" : "uploadedBy",
"crn" : "crn",
"expirationDate" : 5,
"autoRotateUser" : "autoRotateUser",
"lastRotateDate" : 5,
"autoRotateKeyProvider" : "DSM",
"resourceGroupName" : "resourceGroupName",
"autoRotateScheduleName" : "autoRotateScheduleName",
"algorithmType" : "algorithmType",
"deleted" : true,
"createdBy" : "createdBy",
"extractable" : true,
"availableInKeyVault" : true,
"originalKey" : {
  "modifiedAt" : 6,
  "nShieldKeyBlob" : "nShieldKeyBlob",
  "certificate" : "certificate",
  "description" : "description",
  "keyId" : "keyId",
  "publicKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "allTenant" : true,
  "sourceKeyTier" : "sourceKeyTier",
  "createdAt" : 0,
  "blobUUID" : "blobUUID",
  "protected" : true,
  "provider" : "DSM",
  "requestId" : "requestId",

```

```

    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "tenant" : {
      "createdAt" : 2,
      "createdBy" : "createdBy",
      "modifiedAt" : 7,
      "name" : "name",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "cloudService" : "cloudService"
    },
    "algorithm" : "algorithm",
    "keySource" : "KMaas",
    "restrictDeletion" : true,
    "secretKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "cckmId" : "cckmId",
    "iv" : "iv",
    "nonce" : "nonce",
    "keyFormat" : "JWE",
    "privateKey" : {
      "length" : 1,
      "value" : "value",
      "hash" : "hash"
    },
    "blob" : "blob",
    "deleted" : true,
    "createdBy" : "createdBy",
    "service" : "NONE",
    "name" : "name",
    "serviceKeyPage" : {
      "number" : 9,
      "last" : true,
      "numberOfElements" : 3,
      "size" : 2,
      "totalPages" : 7,
      "sort" : { },
      "content" : [ {
        "modifiedAt" : 5,
        "source" : "KMaas",
        "createdAt" : 5,
        "createdBy" : "createdBy",
        "name" : "name",
        "availableInKeyVault" : true,
        "uploadedAt" : 7,
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
          "createdAt" : 2,
          "createdBy" : "createdBy",
          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "status" : "CREATED"
      }, {
        "modifiedAt" : 5,
        "source" : "KMaas",
        "createdAt" : 5,
        "createdBy" : "createdBy",
        "name" : "name",
        "availableInKeyVault" : true,
        "uploadedAt" : 7,
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "keyType" : "AES256",
        "syncedAt" : 2,
        "uploadedBy" : "uploadedBy",
        "tenant" : {
          "createdAt" : 2,
          "createdBy" : "createdBy",
          "modifiedAt" : 7,
          "name" : "name",
          "modifiedBy" : "modifiedBy",
          "id" : "id",
          "cloudService" : "cloudService"
        },
        "status" : "CREATED"
      } ],
      "first" : true,
      "totalElements" : 4
    },
    "hashType" : "hashType"
  }
}
],
{
  "_links" : {
    "key" : {
      "templated" : true,
      "rel" : "rel",
      "href" : "href"
    }
  }
}
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfIbmKey](#)

401

Unauthorized

403
Forbidden
404
Not Found

GET /rest/ibmKeys/findKeyByKid

Up

Get ibmKey by IBM Cloud keyId (findKeyByKidUsingGET1)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- keyId (required)**
Query Parameter – keyId

Return type

[IbmKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [IbmKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/ibmKeys/{id}

Up

findOneIbmKey (findOneIbmKeyUsingGET)

Path parameters

- id (required)**
Path Parameter – id

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfIbmKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

DELETE /rest/ibmKeys/{id}/backup

Up

ibmKeyBackup (ibmKeyBackupUsingDELETE)

Path parameters

- id (required)**
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

- Responses**
200
OK
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/ibmKeys/{id}/backup Up

ibmKeyBackup (ibmKeyBackupUsingGET)

Path parameters

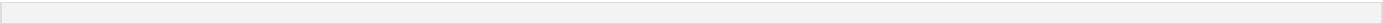
- id (required)**
Path Parameter – id

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfKeyVaultKey](#)

Example data
Content-Type:



Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/hal+json

- Responses**
200
OK [ResourceOfKeyVaultKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/ibmKeys/{id}/backup Up

ibmKeyBackup (ibmKeyBackupUsingPATCH)

Path parameters

- id (required)**
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

- body [string](#) (required)**
Body Parameter – body

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfKeyVaultKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfKeyVaultKey](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/ibmKeys/{id}/backup

ibmKeyBackup (ibmKeyBackupUsingPOST)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfKeyVaultKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfKeyVaultKey](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/ibmKeys/{id}/backup

ibmKeyBackup (ibmKeyBackupUsingPUT)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfKeyVaultKey](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfKeyVaultKey](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

DELETE /rest/ibmKeys/{id}/originalKey Up
ibmKeyOriginalKey (ibmKeyOriginalKeyUsingDELETE)

Path parameters
id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
Cookie (required)
Header Parameter – Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/ibmKeys/{id}/originalKey Up
ibmKeyOriginalKey (ibmKeyOriginalKeyUsingGET)

Path parameters
id (required)
Path Parameter – id

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
Cookie (required)
Header Parameter – Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfKeyVaultKey](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/hal+json

Responses
200
OK [ResourceOfKeyVaultKey](#)
401
Unauthorized
403
Forbidden
404

PATCH /rest/ibmKeys/{id}/originalKey

Up

ibmKeyOriginalKey (ibmKeyOriginalKeyUsingPATCH)

Path parameters

id (required)
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter – body

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfKeyVaultKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfKeyVaultKey](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/ibmKeys/{id}/originalKey

Up

ibmKeyOriginalKey (ibmKeyOriginalKeyUsingPOST)

Path parameters

id (required)
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter – body

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfKeyVaultKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfKeyVaultKey](#)
201
Created
401
Unauthorized

403
Forbidden
404
Not Found

PUT /rest/ibmKeys/{id}/originalKey

Up

ibmKeyOriginalKey (ibmKeyOriginalKeyUsingPUT)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfKeyVaultKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfKeyVaultKey](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/ibmKeys/keyPermissions

Up

Get Key Id permission map (listKeyPermissionsUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

array[Object]

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/ibmKeys/keyProtects

Up

Get Key Protect list by role (listKeyProtectsUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

role (optional)

Query Parameter — role

Return type

array[Object]

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK

401

Unauthorized

403

Forbidden

404

Not Found

POST /rest/ibmKeys/rotate

Rotate an IBM Cloud root key. Standard keys cannot be rotated. (rotateIbmKeyUsingPOST)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [RotateKeyRequestData](#) (required)

Body Parameter — data

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/ibmKeys/keys

Get IbmKeys by searching name, keyId, crn, region, keyProtectName, keyProtectInstanceId, inIbm, backup, tags, description, creationDate, expirationDate, keyMaterialOrigin and autoRotate (searchIbmKeysUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

autoRotate (optional)

Query Parameter – autoRotate

crn (optional)

Query Parameter – crn

data (optional)

Query Parameter – data

description (optional)

Query Parameter – description

extractable (optional)

Query Parameter – extractable

inIbm (optional)

Query Parameter – inIbm

keyId (optional)

Query Parameter – keyId

keyMaterialOrigin (optional)

Query Parameter – keyMaterialOrigin

keyProtectInstancelId (optional)

Query Parameter – keyProtectInstancelId

keyProtectName (optional)

Query Parameter – keyProtectName

keyState (optional)

Query Parameter – keyState format: int32

name (optional)

Query Parameter – name

page (optional)

Query Parameter – format: int32

region (optional)

Query Parameter – region

search (optional)

Query Parameter – search

size (optional)

Query Parameter – format: int32

sort (optional)

Query Parameter –

tags (optional)

Query Parameter – tags

Return type

[Page](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [Page](#)

401

Unauthorized

403

Forbidden

404

Not Found

POST /rest/ibmKeys/synchronize

Up

Synchronize all IbmKeys that this user has proper permissions, download backups of IBM Cloud keys and store backups in CCKM (synchronizeAllKeysUsingPOST3)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

Content-Type (required)

Header Parameter – Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

201

Created

401

Unauthorized

403

Forbidden

PUT /rest/ibmKeys/{id}/update

Up

Update an Ibm key in Ibm. Only key rotation policy is updatable. (updateUsingPUT6)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [IbmUpdateKeyRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /rest/ibmKeys/upload

Up

Upload a new IbmKey. (uploadUsingPOST2)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [IbmUploadKeyRequestData](#) (required)
Body Parameter — data

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

IbmKeySettingEntity

DELETE /rest/ibmKeySettings/{id}

Up

deletelbmKeySetting (deletelbmKeySettingUsingDELETE)

Path parameters

id (required)
Path Parameter – id

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK

204
No Content

401
Unauthorized

403
Forbidden

GET /rest/ibmKeySettings

Up

findAllIbmKeySetting (findAllIbmKeySettingUsingGET)

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)
Query Parameter – page

size (optional)
Query Parameter – size

sort (optional)
Query Parameter – sort

Return type

[ResourcesOfIbmKeySetting](#)

Example data

Content-Type: application/json

```
{
  "_embedded": {
    "ibmKeySettings": [ {
      "importAlertEnabled": true,
      "rekeyAlertDays": 0,
      "destroyAlertEnabled": true,
      "updateAlertEnabled": true,
      "uploadAlertEnabled": true,
      "id": "id",
      "rekeyAlertEnabled": true,
      "tenant": {
        "createdAt": 2,
        "createdBy": "createdBy",
        "modifiedAt": 7,
        "name": "name",
        "modifiedBy": "modifiedBy",
        "id": "id",
        "cloudService": "cloudService"
      }
    }, {
      "importAlertEnabled": true,
      "rekeyAlertDays": 0,
      "destroyAlertEnabled": true,
      "updateAlertEnabled": true,
      "uploadAlertEnabled": true,
      "id": "id",
      "rekeyAlertEnabled": true,
      "tenant": {
        "createdAt": 2,
        "createdBy": "createdBy",
        "modifiedAt": 7,
        "name": "name",
        "modifiedBy": "modifiedBy",
        "id": "id",
        "cloudService": "cloudService"
      }
    }
  ]
},
```

```
"_links" : {
  "key" : {
    "templated" : true,
    "rel" : "rel",
    "href" : "href"
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfIbmKeySetting](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/ibmKeySettings/{id}

Up

findOneIbmKeySetting (findOneIbmKeySettingUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmKeySetting](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfIbmKeySetting](#)

401

Unauthorized

403

Forbidden

404

Not Found

DELETE /rest/ibmKeySettings/{id}/tenant

Up

ibmKeySettingTenant (ibmKeySettingTenantUsingDELETE)

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK

204

No Content

401
Unauthorized
403
Forbidden

GET /rest/ibmKeySettings/{id}/tenant

Up

ibmKeySettingTenant (ibmKeySettingTenantUsingGET)

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/hal+json

Responses
200
OK [ResourceOfTenant](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/ibmKeySettings/{id}/tenant

Up

ibmKeySettingTenant (ibmKeySettingTenantUsingPATCH)

Path parameters

id (required)
Path Parameter — id

Consumes
This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfTenant](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/ibmKeySettings/{id}/tenant

Up

ibmKeySettingTenant (ibmKeySettingTenantUsingPOST)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/ibmKeySettings/{id}/tenant

ibmKeySettingTenant (ibmKeySettingTenantUsingPUT)

Up

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/ibmKeySettings/{id}

[Up](#)

savelbmKeySetting (savelbmKeySettingUsingPATCH)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [IbmKeySetting](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmKeySetting](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfIbmKeySetting](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/ibmKeySettings

[Up](#)

savelbmKeySetting (savelbmKeySettingUsingPOST)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [IbmKeySetting](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmKeySetting](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfIbmKeySetting](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/ibmKeySettings/{id}

[Up](#)

savelbmKeySetting (savelbmKeySettingUsingPUT)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [IbmKeySetting](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmKeySetting](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfIbmKeySetting](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

IbmRotationChainEntity

DELETE /rest/ibmRotationChains/{id}

Up

deletelbmRotationChain (deletelbmRotationChainUsingDELETE)

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/ibmRotationChains

Up

findAllIbmRotationChain (findAllIbmRotationChainUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)
Query Parameter – page
- size (optional)
Query Parameter – size
- sort (optional)
Query Parameter – sort

Return type
[ResourcesOfIbmRotationChain](#)

Example data
Content-Type: application/json

```
{
  "_embedded": {
    "ibmRotationChains": [ {
      "sourceKeyIds": [ "sourceKeyIds", "sourceKeyIds" ],
      "id": "id",
      "logs": [ {
        "activeKeyId": "activeKeyId",
        "archivedKeyId": "archivedKeyId",
        "when": 0,
        "who": "who"
      }, {
        "activeKeyId": "activeKeyId",
        "archivedKeyId": "archivedKeyId",
        "when": 0,
        "who": "who"
      } ]
    }, {
      "sourceKeyIds": [ "sourceKeyIds", "sourceKeyIds" ],
      "id": "id",
      "logs": [ {
        "activeKeyId": "activeKeyId",
        "archivedKeyId": "archivedKeyId",
        "when": 0,
        "who": "who"
      }, {
        "activeKeyId": "activeKeyId",
        "archivedKeyId": "archivedKeyId",
        "when": 0,
        "who": "who"
      } ]
    } ]
  },
  "_links": {
    "key": {
      "templated": true,
      "rel": "rel",
      "href": "href"
    }
  }
}
```

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses
200
OK [ResourcesOfIbmRotationChain](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/ibmRotationChains/search/findById

Up

findByIdIbmRotationChain (findByIdIbmRotationChainUsingGET)

Request headers

- Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
- x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- _id (optional)
Query Parameter – _id

Return type
[ResourceOfOptionalOfIbmRotationChain](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfOptionalOfIbmRotationChain](#)

401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/ibmRotationChains/{id}

findOneIbmRotationChain (findOneIbmRotationChainUsingGET)

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmRotationChain](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfIbmRotationChain](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/ibmRotationChains/{id}

saveIbmRotationChain (saveIbmRotationChainUsingPATCH)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [IbmRotationChain](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmRotationChain](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfIbmRotationChain](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/ibmRotationChains

saveIbmRotationChain (saveIbmRotationChainUsingPOST)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [IbmRotationChain](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmRotationChain](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfIbmRotationChain](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/ibmRotationChains/{id}

Up

saveIbmRotationChain (saveIbmRotationChainUsingPUT)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [IbmRotationChain](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmRotationChain](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfIbmRotationChain](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

IbmScheduleEntity

DELETE /ibmSchedules/{id}

Up

Delete an IbmSchedule (createUsingDELETE1)

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

Responses

200
OK [String](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /ibmSchedules

Create an IbmSchedule (createUsingPOST6)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

schedule IbmSchedule (optional)
Body Parameter — Required parameters:
jobType,
name,
pause,
cron or (startDate, interval, and intervalUnit),
username,
password // IBM Api Key

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/ibmSchedules

findAllIbmSchedule (findAllIbmScheduleUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)

Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter – page

size (optional)

Query Parameter – size

sort (optional)

Query Parameter – sort

Return type

[ResourcesOfIbmSchedule](#)

Example data

Content-Type: application/json

```
{
  "_embedded": {
    "ibmSchedules": [ {
      "cron": "cron",
      "humanReadableCron": "humanReadableCron",
      "modifiedAt": 5,
      "intervalUnit": "Hour",
      "description": "description",
      "fixedRateSchedule": true,
      "pause": true,
      "createdAt": 0,
      "password": "password",
      "applyOnExpiration": true,
      "createdBy": "createdBy",
      "intervalUnitKeyExpiration": "Hour",
      "name": "name",
      "interval": 6,
      "modifiedBy": "modifiedBy",
      "id": "id",
      "jobType": "KEY_ROTATION",
      "intervalKeyExpiration": 1,
      "startDate": 5,
      "tenant": {
        "createdAt": 2,
        "createdBy": "createdBy",
        "modifiedAt": 7,
        "name": "name",
        "modifiedBy": "modifiedBy",
        "id": "id",
        "cloudService": "cloudService"
      },
      "username": "username"
    }, {
      "cron": "cron",
      "humanReadableCron": "humanReadableCron",
      "modifiedAt": 5,
      "intervalUnit": "Hour",
      "description": "description",
      "fixedRateSchedule": true,
      "pause": true,
      "createdAt": 0,
      "password": "password",
      "applyOnExpiration": true,
      "createdBy": "createdBy",
      "intervalUnitKeyExpiration": "Hour",
      "name": "name",
      "interval": 6,
      "modifiedBy": "modifiedBy",
      "id": "id",
      "jobType": "KEY_ROTATION",
      "intervalKeyExpiration": 1,
      "startDate": 5,
      "tenant": {
        "createdAt": 2,
        "createdBy": "createdBy",
        "modifiedAt": 7,
        "name": "name",
        "modifiedBy": "modifiedBy",
        "id": "id",
        "cloudService": "cloudService"
      },
      "username": "username"
    } ]
  },
  "_links": {
    "key": {
      "templated": true,
      "rel": "rel",
      "href": "href"
    }
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfIbmSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/ibmSchedules/search/findByUsernameAndJobTypeAndTenantAndName

Up

findByUsernameAndJobTypeAndTenantAndNameIbmSchedule (findByUsernameAndJobTypeAndTenantAndNameIbmScheduleUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

jobType (optional)

Query Parameter — jobType

name (optional)

Query Parameter — name

tenant (optional)

Query Parameter — tenant

username (optional)

Query Parameter — username

Return type

[ResourcesOfIbmSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourcesOfIbmSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/ibmSchedules/{id}

Up

findOneIbmSchedule (findOneIbmScheduleUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfIbmSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /ibmSchedules/schedule

Up

Get list of IbmSchedule and IDs for a user (getScheduleByUserNameUsingGET3)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)**
Query Parameter – format: int32
- size (optional)**
Query Parameter – format: int32
- sort (optional)**
Query Parameter –
- username (required)**
Query Parameter – username

Return type
[IbmScheduleOutput](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

- Responses**
200
OK [IbmScheduleOutput](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/ibmSchedules/{id}

savelbmSchedule (savelbmScheduleUsingPATCH)

Path parameters

- id (required)**
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

- body [IbmSchedule](#) (required)
Body Parameter – body

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfIbmSchedule](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

- Responses**
200
OK [ResourceOfIbmSchedule](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/ibmSchedules

savelbmSchedule (savelbmScheduleUsingPOST)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

- body [IbmSchedule](#) (required)
Body Parameter – body

Request headers

- Content-Type (required)**

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfIbmSchedule](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

PUT /rest/ibmSchedules/{id}

Up

saveIbmSchedule (saveIbmScheduleUsingPUT)

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body **IbmSchedule** (required)

Body Parameter — body

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfIbmSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfIbmSchedule](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

PUT /ibmSchedules/{id}

Up

Update an IbmSchedule (updateUsingPUT7)

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data **IbmSchedule** (required)

Body Parameter — Parameters:

jobType,

description,
pause,
cron or (startDate, interval, and intervalUnit),
username,
password // IBM API Key

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

KeyProducerController

GET /rest/keyProducers Up

Gets the list of key producers ([keyProducersUsingGET](#))

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[array\[KeyProducer\]](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK
401
Unauthorized
403
Forbidden
404
Not Found

KeyVaultController

POST /keyvaultkey Up

Create source (DSM, CipherTrust Manager (using 'KeySecure' as the provider), or nshield) key ([createKeyUsingPOST](#))

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

key [KeyVaultKey](#) (required)
Body Parameter – Source key parameters (service, cckmld, name, algorithm)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**

Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)
Query Parameter — format: int32

sid (optional)
Query Parameter — sid

size (optional)
Query Parameter — format: int32

sort (optional)
Query Parameter —

Return type

[KeyVaultKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [KeyVaultKey](#)

201
Created

401
Unauthorized

403
Forbidden

404
Not Found

DELETE /keyvaultkey/{id}

Up

Delete source key with given id (deleteKeyUsingDELETE)

Path parameters

id (required)
Path Parameter — Internal id of source key

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[KeyOperationResponse](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [KeyOperationResponse](#)

204
No Content

401
Unauthorized

403
Forbidden

GET /keyvaultkey/key/{id}

Up

Get source key by id (getKeyByIdUsingGET)

Path parameters

id (required)
Path Parameter — Internal id of source key

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[KeyVaultKey](#)

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [KeyVaultKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /keyvaultkey/keys

Up

Get all source keys. For CipherTrust Manager, use 'KeySecure' as the provider. ([getKeysNotDeletedUsingGET](#))

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)**
Query Parameter – format: int32
- provider (optional)**
Query Parameter – Source key provider default: DSM
- search (optional)**
Query Parameter – search pattern
- size (optional)**
Query Parameter – format: int32
- sort (optional)**
Query Parameter –

Return type

[PageOfKeyVaultKeyResponse](#)

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [PageOfKeyVaultKeyResponse](#)
401
Unauthorized
403
Forbidden
404
Not Found

LicenseController

GET /license

Up

Gets the license information of the user ([getUsingGET1](#))

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[License](#)

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [License](#)

401
Unauthorized
403
Forbidden
404
Not Found

PackageReplacementController

GET /packageReplacementGPLv3

Up

Gets the package replacement instructions (`getGPLv3PackageReplacementInstructionsUsingGET`)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

[ResponseEntity](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResponseEntity](#)
401
Unauthorized
403
Forbidden
404
Not Found

ReportEntity

GET /rest/reports

Up

findAllReport (`findAllReportUsingGET`)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)**
Query Parameter – page
- size (optional)**
Query Parameter – size
- sort (optional)**
Query Parameter – sort

Return type

[ResourcesOfReport](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "reports" : [ {
      "csp" : "aws",
      "modifiedAt" : 1,
      "type" : "KEY_360_RECONCILIATION",
      "logDnaInstance" : {
        "name" : "name",
        "regionLabel" : "regionLabel",
        "serviceKey" : "serviceKey",
        "region" : "region"
      },
      "createdAt" : 0,
      "createdBy" : "createdBy",
      "name" : "name",
      "from" : 6,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "to" : 5,
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
```

```
    "cloudService" : "cloudService"
  },
  "status" : "REQUESTED"
}, {
  "csp" : "aws",
  "modifiedAt" : 1,
  "type" : "KEY_360_RECONCILIATION",
  "logDnaInstance" : {
    "name" : "name",
    "regionLabel" : "regionLabel",
    "serviceKey" : "serviceKey",
    "region" : "region"
  },
  "createdAt" : 0,
  "createdBy" : "createdBy",
  "name" : "name",
  "from" : 6,
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "to" : 5,
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
  },
  "status" : "REQUESTED"
} ]
},
"_links" : {
  "key" : {
    "templated" : true,
    "rel" : "rel",
    "href" : "href"
  }
}
}
```

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses
200
OK [ResourcesOfReport](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/reports/search/findByIdOrName

Up

findByIdOrNameReport (findByIdOrNameReportUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- counter (optional)**
Query Parameter – format: int32
- date (optional)**
Query Parameter – format: date-time
- machineIdentifier (optional)**
Query Parameter – format: int32
- param1 (optional)**
Query Parameter – param1
- processIdentifier (optional)**
Query Parameter – format: int32
- time (optional)**
Query Parameter – format: int64
- timeSecond (optional)**
Query Parameter – format: int32
- timestamp (optional)**
Query Parameter – format: int32

Return type
[ResourceOfOptionalOfListOfReport](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfOptionalOfListOfReport](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/reports/search/findById

findByIdReport (findByIdReportUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- counter (optional)**
Query Parameter – format: int32
- date (optional)**
Query Parameter – format: date-time
- machineIdentifier (optional)**
Query Parameter – format: int32
- processIdentifier (optional)**
Query Parameter – format: int32
- time (optional)**
Query Parameter – format: int64
- timeSecond (optional)**
Query Parameter – format: int32
- timestamp (optional)**
Query Parameter – format: int32

Return type

[ResourceOfOptionalOfReport](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfOptionalOfReport](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/reports/search/findByNameAndTenant

findByNameAndTenantReport (findByNameAndTenantReportUsingGET)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- name (optional)**
Query Parameter – name
- tenant (optional)**
Query Parameter – tenant

Return type

[ResourcesOfReport](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourcesOfReport](#)
401

Unauthorized
403
Forbidden
404
Not Found

GET /rest/reports/search/findByName

Up

findByNameReport (findByNameReportUsingGET)

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

- name (optional)**
Query Parameter — name

Return type
[ResourceOfOptionalOfReport](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfOptionalOfReport](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/reports/{id}

Up

findOneReport (findOneReportUsingGET)

Path parameters

- id (required)**
Path Parameter — id

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfReport](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfReport](#)
401
Unauthorized
403
Forbidden
404
Not Found

SalesforceByokController

GET /byok/{orgId}/{id}

Up

getKey (getKeyUsingGET)

Path parameters

- id (required)**
Path Parameter — id
- orgId (required)**
Path Parameter — orgId

Request headers

- Authorization (optional)**
Header Parameter — Authorization
- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

- requestId (optional)**
Query Parameter — requestId

Return type

[Json](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

- 200
OK [Json](#)
- 401
Unauthorized
- 403
Forbidden
- 404
Not Found

SalesforceKeyEntity

POST /salesforceKeys/createcacheonly

Up

Create callout connection for new Cache-only Key in Salesforce ([createCacheOnlyKeyUsingPOST](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

- data [KeyUploadRequestData](#) (required)
Body Parameter — Required parameters:
type

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

- 200
OK [String](#)
- 201
Created
- 401
Unauthorized
- 403
Forbidden
- 404
Not Found

POST /salesforceKeys/create

Up

Generate a new tenant secret in Salesforce, download and store the backup in CCKM ([createKeyUsingPOST1](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

- data [KeyUploadRequestData](#) (required)
Body Parameter — Required parameters:

keyDerivationMode - default to PBKDF2
type

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /salesforceNamedCredentials

Up

Save username/password in CCKM. CCKM uses username/password to authenticate CacheOnly key call from Salesforce. Only one username/password is allowed per org.
(createNamedCredentialUsingPOST)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

salesforceNamedCredential [SalesforceNamedCredential](#) (required)
Body Parameter – salesforceNamedCredential

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

DELETE /salesforceKeys/{id}

Up

Delete the backup of a SalesforceKey from CCKM (deleteKeyUsingDELETE1)

Path parameters

id (required)
Path Parameter – id

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

deleteinfo (optional)
Query Parameter – deleteinfo

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
204
No Content
401
Unauthorized
403
Forbidden

DELETE /salesforceNamedCredentials/{id}

Up

Delete username/password record from CCKM. (deleteNamedCredentialUsingDELETE)

Path parameters

id (required)
Path Parameter – id

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
204
No Content
401
Unauthorized
403
Forbidden

PUT /salesforceKeys/{id}/destroy

Up

Destroy a SalesforceKey, e.g. Salesforce tenant secret (destroyTenantSecretUsingPUT)

Path parameters

id (required)
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /salesforceKeys/synchronize

Up

Synchronize all SalesforceKeys, download backups of archived keys and store backups in CCKM ([downloadKeyUsingPOST](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/salesforceKeys

Up

findAllSalesforceKey ([findAllSalesforceKeyUsingGET](#))

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter — page

size (optional)

Query Parameter — size

sort (optional)

Query Parameter — sort

Return type

[ResourcesOfSalesforceKey](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "salesforceKeys" : [ {
      "backup" : {
        "modifiedAt" : 6,
        "nShieldKeyBlob" : "nShieldKeyBlob",
        "certificate" : "certificate",
        "description" : "description",
        "keyId" : "keyId",
        "publicKey" : {
          "length" : 1,
          "value" : "value",
          "hash" : "hash"
        }
      }
    }
  ]
}
```

```

    },
    "allTenant" : true,
    "sourceKeyTier" : "sourceKeyTier",
    "createdAt" : 0,
    "blobUUID" : "blobUUID",
    "protected" : true,
    "provider" : "DSM",
    "requestId" : "requestId",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
    },
    "algorithm" : "algorithm",
    "keySource" : "KMaaS",
    "restrictDeletion" : true,
    "secretKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
    },
    "cckmId" : "cckmId",
    "iv" : "iv",
    "nonce" : "nonce",
    "keyFormat" : "JWE",
    "privateKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
    },
    "blob" : "blob",
    "deleted" : true,
    "createdBy" : "createdBy",
    "service" : "NONE",
    "name" : "name",
    "serviceKeyPage" : {
        "number" : 9,
        "last" : true,
        "numberOfElements" : 3,
        "size" : 2,
        "totalPages" : 7,
        "sort" : { },
        "content" : [ {
            "modifiedAt" : 5,
            "source" : "KMaaS",
            "createdAt" : 5,
            "createdBy" : "createdBy",
            "name" : "name",
            "availableInKeyVault" : true,
            "uploadedAt" : 7,
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "keyType" : "AES256",
            "syncdAt" : 2,
            "uploadedBy" : "uploadedBy",
            "tenant" : {
                "createdAt" : 2,
                "createdBy" : "createdBy",
                "modifiedAt" : 7,
                "name" : "name",
                "modifiedBy" : "modifiedBy",
                "id" : "id",
                "cloudService" : "cloudService"
            },
            "status" : "CREATED"
        } ],
        {
            "modifiedAt" : 5,
            "source" : "KMaaS",
            "createdAt" : 5,
            "createdBy" : "createdBy",
            "name" : "name",
            "availableInKeyVault" : true,
            "uploadedAt" : 7,
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "keyType" : "AES256",
            "syncdAt" : 2,
            "uploadedBy" : "uploadedBy",
            "tenant" : {
                "createdAt" : 2,
                "createdBy" : "createdBy",
                "modifiedAt" : 7,
                "name" : "name",
                "modifiedBy" : "modifiedBy",
                "id" : "id",
                "cloudService" : "cloudService"
            },
            "status" : "CREATED"
        } ],
        "first" : true,
        "totalElements" : 4
    },
    "hashType" : "hashType"
},
"modifiedAt" : 1,
"displayOrder" : 6,
"description" : "description",
"uploadedFrom" : "uploadedFrom",
"source" : "KMaaS",
"type" : "Data",
"tenantSecret" : {
    "LastModifiedDate" : 5,
    "IsDeleted" : true,
    "Description" : "Description",
    "createdByUsername" : "createdByUsername",
    "keyvaultName" : "keyvaultName",
    "LastModifiedByUsername" : "LastModifiedByUsername",
    "version" : 9,
    "Source" : "Source",
    "RemoteKeyIdentifier" : "RemoteKeyIdentifier",

```

```

"SystemModstamp" : 2,
"SecretValueCertificate" : "SecretValueCertificate",
"Type" : "Type",
"createdDate" : 7,
"CreatedById" : "CreatedById",
"RemoteKeyCertificate" : "RemoteKeyCertificate",
"SecretValueHash" : "SecretValueHash",
"attributes" : {
  "type" : "type",
  "url" : "url"
},
"Id" : "Id",
"KeyDerivationMode" : "KeyDerivationMode",
"LastModifiedById" : "LastModifiedById",
"RemoteKeyServiceId" : "RemoteKeyServiceId",
"status" : "ACTIVE"
},
"createdAt" : 0,
"uploadedToSalesforceBy" : "uploadedToSalesforceBy",
"keyDerivationMode" : "keyDerivationMode",
"modifiedBy" : "modifiedBy",
"id" : "id",
"remoteKeyIdentifier" : "remoteKeyIdentifier",
"keyType" : "AES256",
"syncedAt" : 5,
"uploadedBy" : "uploadedBy",
"tenant" : {
  "createdAt" : 2,
  "createdBy" : "createdBy",
  "modifiedAt" : 7,
  "name" : "name",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "cloudService" : "cloudService"
},
"remoteKeyServiceId" : "remoteKeyServiceId",
"createdBy" : "createdBy",
"name" : "name",
"availableInKeyVault" : true,
"keyMaterialOrigin" : "keyMaterialOrigin",
"uploadedAt" : 3,
"originalKey" : {
  "modifiedAt" : 6,
  "nShieldKeyBlob" : "nShieldKeyBlob",
  "certificate" : "certificate",
  "description" : "description",
  "keyId" : "keyId",
  "publicKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "allTenant" : true,
  "sourceKeyTier" : "sourceKeyTier",
  "createdAt" : 0,
  "blobUUID" : "blobUUID",
  "protected" : true,
  "provider" : "DSM",
  "requestId" : "requestId",
  "modifiedBy" : "modifiedBy",
  "id" : "id",
  "tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
  },
  "algorithm" : "algorithm",
  "keySource" : "KMaaS",
  "restrictDeletion" : true,
  "secretKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "cckmId" : "cckmId",
  "iv" : "iv",
  "nonce" : "nonce",
  "keyFormat" : "JWE",
  "privateKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "blob" : "blob",
  "deleted" : true,
  "createdBy" : "createdBy",
  "service" : "NONE",
  "name" : "name",
  "serviceKeyPage" : {
    "number" : 9,
    "last" : true,
    "numberOfElements" : 3,
    "size" : 2,
    "totalPages" : 7,
    "sort" : { },
    "content" : [ {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncedAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,

```

```

        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
    },
    "status" : "CREATED"
}, {
    "modifiedAt" : 5,
    "source" : "KMaas",
    "createdAt" : 5,
    "createdBy" : "createdBy",
    "name" : "name",
    "availableInKeyVault" : true,
    "uploadedAt" : 7,
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "keyType" : "AES256",
    "syncedAt" : 2,
    "uploadedBy" : "uploadedBy",
    "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
    },
    "status" : "CREATED"
} ],
"first" : true,
"totalElements" : 4
},
"hashType" : "hashType"
},
"remoteKeyCertificate" : "remoteKeyCertificate",
"status" : "CREATED"
}, {
    "backup" : {
        "modifiedAt" : 6,
        "nShieldKeyBlob" : "nShieldKeyBlob",
        "certificate" : "certificate",
        "description" : "description",
        "keyId" : "keyId",
        "publicKey" : {
            "length" : 1,
            "value" : "value",
            "hash" : "hash"
        },
        "allTenant" : true,
        "sourceKeyTier" : "sourceKeyTier",
        "createdAt" : 0,
        "blobUUID" : "blobUUID",
        "protected" : true,
        "provider" : "DSM",
        "requestId" : "requestId",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "tenant" : {
            "createdAt" : 2,
            "createdBy" : "createdBy",
            "modifiedAt" : 7,
            "name" : "name",
            "modifiedBy" : "modifiedBy",
            "id" : "id",
            "cloudService" : "cloudService"
        },
        "algorithm" : "algorithm",
        "keySource" : "KMaas",
        "restrictDeletion" : true,
        "secretKey" : {
            "length" : 1,
            "value" : "value",
            "hash" : "hash"
        },
        "cckmId" : "cckmId",
        "iv" : "iv",
        "nonce" : "nonce",
        "keyFormat" : "JWE",
        "privateKey" : {
            "length" : 1,
            "value" : "value",
            "hash" : "hash"
        },
        "blob" : "blob",
        "deleted" : true,
        "createdBy" : "createdBy",
        "service" : "NONE",
        "name" : "name",
        "serviceKeyPage" : {
            "number" : 9,
            "last" : true,
            "numberOfElements" : 3,
            "size" : 2,
            "totalPages" : 7,
            "sort" : { },
            "content" : [ {
                "modifiedAt" : 5,
                "source" : "KMaas",
                "createdAt" : 5,
                "createdBy" : "createdBy",
                "name" : "name",
                "availableInKeyVault" : true,
                "uploadedAt" : 7,
                "modifiedBy" : "modifiedBy",
                "id" : "id",
                "keyType" : "AES256",
                "syncedAt" : 2,
                "uploadedBy" : "uploadedBy",
                "tenant" : {
                    "createdAt" : 2,
                    "createdBy" : "createdBy",
                    "modifiedAt" : 7,
                    "name" : "name",
                    "modifiedBy" : "modifiedBy",
                    "id" : "id",

```

```

        "cloudService" : "cloudService"
    },
    "status" : "CREATED"
}, {
    "modifiedAt" : 5,
    "source" : "KMaas",
    "createdAt" : 5,
    "createdBy" : "createdBy",
    "name" : "name",
    "availableInKeyVault" : true,
    "uploadedAt" : 7,
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "keyType" : "AES256",
    "syncedAt" : 2,
    "uploadedBy" : "uploadedBy",
    "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
    },
    "status" : "CREATED"
} ],
"first" : true,
"totalElements" : 4
},
"hashType" : "hashType"
},
"modifiedAt" : 1,
"displayOrder" : 6,
"description" : "description",
"uploadedFrom" : "uploadedFrom",
"source" : "KMaas",
"type" : "Data",
"tenantSecret" : {
    "LastModifiedDate" : 5,
    "IsDeleted" : true,
    "Description" : "Description",
    "createdByUsername" : "createdByUsername",
    "keyvaultName" : "keyvaultName",
    "LastModifiedByUsername" : "LastModifiedByUsername",
    "version" : 9,
    "Source" : "Source",
    "RemoteKeyIdentifier" : "RemoteKeyIdentifier",
    "SystemModstamp" : 2,
    "SecretValueCertificate" : "SecretValueCertificate",
    "Type" : "Type",
    "createdDate" : 7,
    "CreatedById" : "CreatedById",
    "RemoteKeyCertificate" : "RemoteKeyCertificate",
    "SecretValueHash" : "SecretValueHash",
    "attributes" : {
        "type" : "type",
        "url" : "url"
    },
    "Id" : "Id",
    "KeyDerivationMode" : "KeyDerivationMode",
    "LastModifiedById" : "LastModifiedById",
    "RemoteKeyServiceId" : "RemoteKeyServiceId",
    "status" : "ACTIVE"
},
"createdAt" : 0,
"uploadedToSalesforceBy" : "uploadedToSalesforceBy",
"keyDerivationMode" : "keyDerivationMode",
"modifiedBy" : "modifiedBy",
"id" : "id",
"remoteKeyIdentifier" : "remoteKeyIdentifier",
"keyType" : "AES256",
"syncedAt" : 5,
"uploadedBy" : "uploadedBy",
"tenant" : {
    "createdAt" : 2,
    "createdBy" : "createdBy",
    "modifiedAt" : 7,
    "name" : "name",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "cloudService" : "cloudService"
},
"remoteKeyServiceId" : "remoteKeyServiceId",
"createdBy" : "createdBy",
"name" : "name",
"availableInKeyVault" : true,
"keyMaterialOrigin" : "keyMaterialOrigin",
"uploadedAt" : 3,
"originalKey" : {
    "modifiedAt" : 6,
    "nShieldKeyBlob" : "nShieldKeyBlob",
    "certificate" : "certificate",
    "description" : "description",
    "keyId" : "keyId",
    "publicKey" : {
        "length" : 1,
        "value" : "value",
        "hash" : "hash"
    },
    "allTenant" : true,
    "sourceKeyTier" : "sourceKeyTier",
    "createdAt" : 0,
    "blobUUID" : "blobUUID",
    "protected" : true,
    "provider" : "DSM",
    "requestId" : "requestId",
    "modifiedBy" : "modifiedBy",
    "id" : "id",
    "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",

```



```

    "cloudService" : "cloudService"
  },
  "algorithm" : "algorithm",
  "keySource" : "KMaaS",
  "restrictDeletion" : true,
  "secretKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "cckmId" : "cckmId",
  "iv" : "iv",
  "nonce" : "nonce",
  "keyFormat" : "JWE",
  "privateKey" : {
    "length" : 1,
    "value" : "value",
    "hash" : "hash"
  },
  "blob" : "blob",
  "deleted" : true,
  "createdBy" : "createdBy",
  "service" : "NONE",
  "name" : "name",
  "serviceKeyPage" : {
    "number" : 9,
    "last" : true,
    "numberOfElements" : 3,
    "size" : 2,
    "totalPages" : 7,
    "sort" : { },
    "content" : [ {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncedAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    }, {
      "modifiedAt" : 5,
      "source" : "KMaaS",
      "createdAt" : 5,
      "createdBy" : "createdBy",
      "name" : "name",
      "availableInKeyVault" : true,
      "uploadedAt" : 7,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "keyType" : "AES256",
      "syncedAt" : 2,
      "uploadedBy" : "uploadedBy",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "status" : "CREATED"
    } ],
    "first" : true,
    "totalElements" : 4
  },
  "hashType" : "hashType"
},
"remoteKeyCertificate" : "remoteKeyCertificate",
"status" : "CREATED"
} ]
},
"links" : {
  "key" : {
    "templated" : true,
    "rel" : "rel",
    "href" : "href"
  }
}
}
}

```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfSalesforceKey](#)

401

Unauthorized

403

Forbidden

404

Not Found

findByNameSalesforceKey (findByNameSalesforceKeyUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

name (optional)

Query Parameter — name

Return type

ResourceOfOptionalOfSalesforceKey

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfOptionalOfSalesforceKey](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/salesforceKeys/search/findByStatus

Up

findByStatusSalesforceKey (findByStatusSalesforceKeyUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

keyStatus (optional)

Query Parameter — keyStatus

Return type

ResourcesOfSalesforceKey

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourcesOfSalesforceKey](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/salesforceKeys/search/findByTenantSecret_Id

Up

findByTenantSecret_IdSalesforceKey (findByTenantSecretIdSalesforceKeyUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

Id (optional)

Query Parameter — Id

Return type
[ResourceOfSalesforceKey](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfSalesforceKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/salesforceKeys/search/findByTenantSecret_StatusAndTypeOrderByTenantSecret_VersionDesc
findByTenantSecret_StatusAndTypeOrderByTenantSecret_VersionDescSalesforceKey (findByTenantSecretStatusAndTypeOrderByTenantSecretVersionDescSalesforceKeyUsingGET)

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
Cookie (required)
Header Parameter – Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters
status (optional)
Query Parameter – status
type (optional)
Query Parameter – type

Return type
[ResourcesOfSalesforceKey](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourcesOfSalesforceKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/salesforceKeys/search/findByTenantSecret_StatusAndType
findByTenantSecret_StatusAndTypeSalesforceKey (findByTenantSecretStatusAndTypeSalesforceKeyUsingGET)

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
Cookie (required)
Header Parameter – Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters
status (optional)
Query Parameter – status
type (optional)
Query Parameter – type

Return type
[ResourcesOfSalesforceKey](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourcesOfSalesforceKey](#)
401

Unauthorized
403
Forbidden
404
Not Found

GET /rest/salesforceKeys/search/findByType

Up

findByTypeSalesforceKey (findByTypeSalesforceKeyUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter — format: int32

size (optional)

Query Parameter — format: int32

sort (optional)

Query Parameter —

type (optional)

Query Parameter — type

Return type

[ResourceOfPageOfSalesforceKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfPageOfSalesforceKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/salesforceKeys/{id}

Up

findOneSalesforceKey (findOneSalesforceKeyUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfSalesforceKey](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfSalesforceKey](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /salesforceKeys/{id}

Up

Get a SalesforceKey from CCKM (getKeyUsingGET1)

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /salesforceKeys/keys

Up

Get Salesforce keys by searching search, type, name, version, status, generatedBy, etc. ([getKeysUsingGET1](#))

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

backup (optional)
Query Parameter — backup

data (optional)
Query Parameter — data

generatedBy (optional)
Query Parameter — generatedBy

keyDerivation (optional)
Query Parameter — keyDerivation

keyId (optional)
Query Parameter — keyId

keyMaterialOrigin (optional)
Query Parameter — keyMaterialOrigin

name (optional)
Query Parameter — name

page (optional)
Query Parameter — format: int32

search (optional)
Query Parameter — search

size (optional)
Query Parameter — format: int32

sort (optional)
Query Parameter —

status (optional)
Query Parameter — status

type (required)
Query Parameter — type

uploaded (optional)
Query Parameter — uploaded

Return type
[Page](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [Page](#)
401

Unauthorized
403
Forbidden
404
Not Found

GET /salesforceKeys/namedCredentialList

Up

Retrieves named credential list from Salesforce (`getNamedCredentialListFromSalesforceUsingGET`)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
401
Unauthorized
403
Forbidden
404
Not Found

PUT /salesforceKeys/{id}/import

Up

Restore a destroyed SalesforceKey from the backup stored in CCKM (`importKeyUsingPUT`)

Path parameters

- id (required)**
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /salesforceKeys/{id}

Up

Update a SalesforceKey (`modifyKeyUsingPUT`)

Path parameters

- id (required)**
Path Parameter – id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [KeyModifyRequestData](#) (required)

Body Parameter — data

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

PUT /salesforceNamedCredentials/{id}

[Up](#)

Update username/password in CCKM. CCKM uses username/password to authenticate CacheOnly key call from Salesforce. ([updateNamedCredentialUsingPUT](#))

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

salesforceNamedCredential [SalesforceNamedCredential](#) (required)

Body Parameter — salesforceNamedCredential

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

String

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [String](#)

201

Created

401

Unauthorized

403

Forbidden

404

Not Found

POST /salesforceKeys/upload

[Up](#)

Upload a CCKM source key to Salesforce as a new tenant secret ([uploadKeyUsingPOST](#))

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [KeyUploadRequestData](#) (required)
Body Parameter – Required parameters:
keyVaultKeyld - ID of the source key to be uploaded,
certificateName - the certificate for importing Salesforce tenant secret,
keyDerivationMode - default to PBKDF2
type

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

SalesforceNamedCredentialEntity

DELETE /rest/salesforceNamedCredentials/{id}

Up

deleteSalesforceNamedCredential (deleteSalesforceNamedCredentialUsingDELETE)

Path parameters

id (required)
Path Parameter – id

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/salesforceNamedCredentials

Up

findAllSalesforceNamedCredential (findAllSalesforceNamedCredentialUsingGET)

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)
Query Parameter – page

size (optional)
Query Parameter – size

sort (optional)
Query Parameter — sort

Return type
[ResourcesOfSalesforceNamedCredential](#)

Example data
Content-Type: application/json

```
{
  "_embedded" : {
    "salesforceNamedCredentials" : [ {
      "modifiedAt" : 6,
      "authorizationHeader" : "authorizationHeader",
      "MasterLabel" : "MasterLabel",
      "createdAt" : 0,
      "password" : "password",
      "ref" : 1,
      "Endpoint" : "Endpoint",
      "createdBy" : "createdBy",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "serviceId" : "serviceId",
      "DeveloperName" : "DeveloperName",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "username" : "username"
    }, {
      "modifiedAt" : 6,
      "authorizationHeader" : "authorizationHeader",
      "MasterLabel" : "MasterLabel",
      "createdAt" : 0,
      "password" : "password",
      "ref" : 1,
      "Endpoint" : "Endpoint",
      "createdBy" : "createdBy",
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "serviceId" : "serviceId",
      "DeveloperName" : "DeveloperName",
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "username" : "username"
    } ]
  },
  "_links" : {
    "key" : {
      "templated" : true,
      "rel" : "rel",
      "href" : "href"
    }
  }
}
```

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses
200
OK [ResourcesOfSalesforceNamedCredential](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/salesforceNamedCredentials/search/findById

findByIdSalesforceNamedCredential (findByIdSalesforceNamedCredentialUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

counter (optional)
Query Parameter — format: int32

date (optional)
Query Parameter — format: date-time

machinelidentifier (optional)
Query Parameter — format: int32

Up

processIdentifier (optional)
Query Parameter — format: int32

time (optional)
Query Parameter — format: int64

timeSecond (optional)
Query Parameter — format: int32

timestamp (optional)
Query Parameter — format: int32

Return type
[ResourceOfOptionalOfSalesforceNamedCredential](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfOptionalOfSalesforceNamedCredential](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/salesforceNamedCredentials/search/findByRef

Up

findByRefSalesforceNamedCredential (findByRefSalesforceNamedCredentialUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

ref (optional)
Query Parameter — ref format: int32

Return type
[ResourceOfOptionalOfSalesforceNamedCredential](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfOptionalOfSalesforceNamedCredential](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/salesforceNamedCredentials/search/findByTenant

Up

findByTenantSalesforceNamedCredential (findByTenantSalesforceNamedCredentialUsingGET)

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

tenant (optional)
Query Parameter — tenant

Return type
[ResourceOfOptionalOfSalesforceNamedCredential](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200

OK [ResourceOfOptionalOfSalesforceNamedCredential](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/salesforceNamedCredentials/{id}

Up

findOneSalesforceNamedCredential (findOneSalesforceNamedCredentialUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfSalesforceNamedCredential](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200

OK [ResourceOfSalesforceNamedCredential](#)

401

Unauthorized

403

Forbidden

404

Not Found

DELETE /rest/salesforceNamedCredentials/{id}/tenant

Up

salesforceNamedCredentialTenant (salesforceNamedCredentialTenantUsingDELETE)

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200

OK

204

No Content

401

Unauthorized

403

Forbidden

GET /rest/salesforceNamedCredentials/{id}/tenant

Up

salesforceNamedCredentialTenant (salesforceNamedCredentialTenantUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

- Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
- x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/hal+json

- Responses
- 200
OK [ResourceOfTenant](#)
- 401
Unauthorized
- 403
Forbidden
- 404
Not Found

PATCH /rest/salesforceNamedCredentials/{id}/tenant

Up

salesforceNamedCredentialTenant (salesforceNamedCredentialTenantUsingPATCH)

Path parameters

id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter – body

- Request headers
- Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
- x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

- Responses
- 200
OK [ResourceOfTenant](#)
- 204
No Content
- 401
Unauthorized
- 403
Forbidden

POST /rest/salesforceNamedCredentials/{id}/tenant

Up

salesforceNamedCredentialTenant (salesforceNamedCredentialTenantUsingPOST)

Path parameters

id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body

body [string](#) (required)
Body Parameter – body

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

- Responses**
200
OK [ResourceOfTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/salesforceNamedCredentials/{id}/tenant Up

salesforceNamedCredentialTenant (salesforceNamedCredentialTenantUsingPUT)

Path parameters
id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- text/uri-list
- application/x-spring-data-compact+json

Request body
body [string](#) (required)
Body Parameter – body

- Request headers**
- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
 - Cookie (required)**
Header Parameter – Provide the JsessionId
 - X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
 - x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfTenant](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

- Responses**
200
OK [ResourceOfTenant](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/salesforceNamedCredentials/{id} Up

saveSalesforceNamedCredential (saveSalesforceNamedCredentialUsingPATCH)

Path parameters
id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [SalesforceNamedCredential](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfSalesforceNamedCredential](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

Responses
200
OK [ResourceOfSalesforceNamedCredential](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/salesforceNamedCredentials Up

saveSalesforceNamedCredential (saveSalesforceNamedCredentialUsingPOST)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [SalesforceNamedCredential](#) (required)
Body Parameter — body

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfSalesforceNamedCredential](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

Responses
200
OK [ResourceOfSalesforceNamedCredential](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/salesforceNamedCredentials/{id} Up

saveSalesforceNamedCredential (saveSalesforceNamedCredentialUsingPUT)

Path parameters
id (required)
Path Parameter — id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [SalesforceNamedCredential](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfSalesforceNamedCredential](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfSalesforceNamedCredential](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

SalesforceScheduleEntity

PUT /salesforceSchedules/{id}/toggleAutoRotateUp

Specify what secret type will be auto-rotated by this KEY_ROTATION SalesforceSchedule (autoRotateForTypeUsingPUT)

Path parameters

id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

data [ToggleAutoRotateData](#) (required)
Body Parameter – Required parameters:
enable,
type

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

POST /salesforceSchedulesUp

Create a SalesforceSchedule (createUsingPOST7)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

schedule [SalesforceSchedule](#) (optional)
Body Parameter – Required parameters:

jobType (KEY_ROTATION or KEY_SYNCHRONIZATION),
pause,
cron or (startDate, interval, and intervalUnit),
username,
password,
certificate if jobType is KEY_ROTATION

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

DELETE /salesforceSchedules/{id} Up

Delete a SalesforceSchedule (deleteUsingDELETE3)

Path parameters

- id (required)**
Path Parameter — id

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/salesforceSchedules Up

findAllSalesforceSchedule (findAllSalesforceScheduleUsingGET)

Request headers

- Content-Type (required)**
Header Parameter — Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter — Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter — Provide the token information
- x-sessionid (optional)**
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)**
Query Parameter — page

size (optional)
Query Parameter — size

sort (optional)
Query Parameter — sort

Return type
[ResourcesOfSalesforceSchedule](#)

Example data
Content-Type: application/json

```
{
  "_embedded" : {
    "salesforceSchedules" : [ {
      "cron" : "cron",
      "humanReadableCron" : "humanReadableCron",
      "modifiedAt" : 5,
      "intervalUnit" : "Hour",
      "description" : "description",
      "fixedRateSchedule" : true,
      "pause" : true,
      "createdAt" : 0,
      "password" : "password",
      "applyOnExpiration" : true,
      "createdBy" : "createdBy",
      "intervalUnitKeyExpiration" : "Hour",
      "name" : "name",
      "interval" : 6,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "jobType" : "KEY_ROTATION",
      "intervalKeyExpiration" : 1,
      "startDate" : 5,
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "typesMap" : {
        "key" : {
          "keyDerivationMode" : "keyDerivationMode",
          "certificateName" : "certificateName"
        }
      },
      "username" : "username"
    }, {
      "cron" : "cron",
      "humanReadableCron" : "humanReadableCron",
      "modifiedAt" : 5,
      "intervalUnit" : "Hour",
      "description" : "description",
      "fixedRateSchedule" : true,
      "pause" : true,
      "createdAt" : 0,
      "password" : "password",
      "applyOnExpiration" : true,
      "createdBy" : "createdBy",
      "intervalUnitKeyExpiration" : "Hour",
      "name" : "name",
      "interval" : 6,
      "modifiedBy" : "modifiedBy",
      "id" : "id",
      "jobType" : "KEY_ROTATION",
      "intervalKeyExpiration" : 1,
      "startDate" : 5,
      "tenant" : {
        "createdAt" : 2,
        "createdBy" : "createdBy",
        "modifiedAt" : 7,
        "name" : "name",
        "modifiedBy" : "modifiedBy",
        "id" : "id",
        "cloudService" : "cloudService"
      },
      "typesMap" : {
        "key" : {
          "keyDerivationMode" : "keyDerivationMode",
          "certificateName" : "certificateName"
        }
      },
      "username" : "username"
    } ]
  },
  "_links" : {
    "key" : {
      "templated" : true,
      "rel" : "rel",
      "href" : "href"
    }
  }
}
```

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses
200
[OK ResourcesOfSalesforceSchedule](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/salesforceSchedules/search/findByUsernameAndJobTypeAndTenantAndName

Up

findByUsernameAndJobTypeAndTenantAndNameSalesforceSchedule (findByUsernameAndJobTypeAndTenantAndNameSalesforceScheduleUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

jobType (optional)

Query Parameter — jobType

name (optional)

Query Parameter — name

tenant (optional)

Query Parameter — tenant

username (optional)

Query Parameter — username

Return type

[ResourcesOfSalesforceSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourcesOfSalesforceSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/salesforceSchedules/search/findByUsername

Up

findByUsernameSalesforceSchedule (findByUsernameSalesforceScheduleUsingGET)

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

pageable (optional)

Query Parameter — pageable

username (optional)

Query Parameter — username

Return type

[ResourcesOfSalesforceSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourcesOfSalesforceSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/salesforceSchedules/{id}

Up

findOneSalesforceSchedule (findOneSalesforceScheduleUsingGET)

Path parameters

id (required)

Path Parameter — id

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfSalesforceSchedule](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [ResourceOfSalesforceSchedule](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /salesforceSchedules/schedule

Up

Get list of SalesforceSchedule and IDs for a user ([getSchedulesByUserNameUsingGET](#))

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

page (optional)

Query Parameter — format: int32

size (optional)

Query Parameter — format: int32

sort (optional)

Query Parameter —

username (required)

Query Parameter — name

Return type

array[[SalesforceScheduleOutput](#)]

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK

401

Unauthorized

403

Forbidden

404

Not Found

PATCH /rest/salesforceSchedules/{id}

Up

saveSalesforceSchedule ([saveSalesforceScheduleUsingPATCH](#))

Path parameters

id (required)

Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [SalesforceSchedule](#) (required)

Body Parameter — body

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfSalesforceSchedule](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfSalesforceSchedule](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/salesforceSchedules

Up

saveSalesforceSchedule (saveSalesforceScheduleUsingPOST)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [SalesforceSchedule](#) (required)
Body Parameter – body

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfSalesforceSchedule](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfSalesforceSchedule](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/salesforceSchedules/{id}

Up

saveSalesforceSchedule (saveSalesforceScheduleUsingPUT)

Path parameters
id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [SalesforceSchedule](#) (required)
Body Parameter – body

Request headers

Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfSalesforceSchedule](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfSalesforceSchedule](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /salesforceSchedules/{id}

Up

Update a SalesforceSchedule (updateUsingPUT8)

Path parameters
id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
scheduleModifications [SalesforceSchedule](#) (required)
Body Parameter – Parameters:
jobType (KEY_ROTATION or KEY_SYNCHRONIZATION),
pause,
cron or (startDate, interval, and intervalUnit),
username,
password,
certificate if jobType is KEY_ROTATION

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
Cookie (required)
Header Parameter – Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter – Provide the token information
x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
String
Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [String](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

ScheduleLogEntity

DELETE /rest/scheduleLogs/{id}

Up

deleteScheduleLog (deleteScheduleLogUsingDELETE)

Path parameters
id (required)
Path Parameter – id

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json
Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK

204

No Content

401

Unauthorized

403

Forbidden

GET /rest/scheduleLogs

findAllScheduleLog (findAllScheduleLogUsingGET)

Request headers**Content-Type (required)**

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters**page (optional)**

Query Parameter — page

size (optional)

Query Parameter — size

sort (optional)

Query Parameter — sort

Return type

[ResourcesOfScheduleLog](#)

Example data

Content-Type: application/json

```
{
  "_embedded" : {
    "scheduleLogs" : [ {
      "date" : "2000-01-23T04:56:07.000+00:00",
      "server" : "server",
      "name" : "name",
      "username" : "username"
    }, {
      "date" : "2000-01-23T04:56:07.000+00:00",
      "server" : "server",
      "name" : "name",
      "username" : "username"
    } ]
  },
  "_links" : {
    "key" : {
      "templated" : true,
      "rel" : "rel",
      "href" : "href"
    }
  }
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses

200

OK [ResourcesOfScheduleLog](#)

401

Unauthorized

403

Forbidden

404

Not Found

GET /rest/scheduleLogs/{id}

findOneScheduleLog (findOneScheduleLogUsingGET)

Path parameters**id (required)**

Path Parameter — id

Request headers**Content-Type (required)**

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfScheduleLog](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfScheduleLog](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/scheduleLogs/{id}

Up

saveScheduleLog (saveScheduleLogUsingPATCH)

Path parameters
id (required)
Path Parameter – id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [ScheduleLog](#) (required)
Body Parameter – body

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfScheduleLog](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfScheduleLog](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/scheduleLogs

Up

saveScheduleLog (saveScheduleLogUsingPOST)

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [ScheduleLog](#) (required)
Body Parameter – body

Request headers
Content-Type (required)
Header Parameter – Provide the accepted content default: application/json

Cookie (required)
Header Parameter – Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter – Provide the token information

x-sessionid (optional)
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfScheduleLog](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfScheduleLog](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/scheduleLogs/{id} Up

saveScheduleLog (saveScheduleLogUsingPUT)

Path parameters
id (required)
Path Parameter — id

Consumes
This API call consumes the following media types via the Content-Type request header:

- application/json

Request body
body [ScheduleLog](#) (required)
Body Parameter — body

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfScheduleLog](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfScheduleLog](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

SessionDataController

GET /rest/serviceSessions/myAzureCurrentDirectory Up

Gets current session Azure tenant ID that the user has access to ([getCurrentDirectoryUsingGET](#))

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
String

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200
OK [String](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/serviceSessions/search/findByCloudService

Up

List the cloud service sessions by cloud service name ([getSessionDataByCloudServiceUsingGET](#))

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

cloudService (required)

Query Parameter — cloudService

Return type

array[[SessionData](#)]

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200
OK
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/serviceSessions/search/findByUser

Up

List the cloud service sessions by username ([getSessionDataByNameUsingGET](#))

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)

Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)

Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

user (required)

Query Parameter — user

Return type

array[[SessionData](#)]

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

• */*

Responses

200
OK
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/serviceSessions/search/findByTenant

Up

List the cloud service sessions by tenant ID ([getSessionDataByTenantUsingGET](#))

Request headers

Content-Type (required)

Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Query parameters

tenant (required)
Query Parameter — tenant

Return type
array[[SessionData](#)]

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/serviceSessions/{id}

Get the cloud service session by id ([getSessionDataUsingGET](#))

Path parameters

id (required)
Path Parameter — id

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[SessionData](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [SessionData](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/serviceSessions/myAzureTenantIds

Gets Azure tenant IDs that the user has access to ([listMyTenantsUsingGET](#))

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
array[String]

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/serviceSessions

Up

List the cloud service sessions the user has currently logged in (`listSessionDataUsingGET`)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Return type
array[[SessionData](#)]

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

Responses

200
OK
401
Unauthorized
403
Forbidden
404
Not Found

SourceKeyManagementDataEntity

DELETE /rest/allowSourceKeyDelete/{id}

Up

deleteSourceKeyManagementData (`deleteSourceKeyManagementDataUsingDELETE`)

Path parameters

- id (required)**
Path Parameter – id

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- * / *

Responses

200
OK
204
No Content
401
Unauthorized
403
Forbidden

GET /rest/allowSourceKeyDelete

Up

findAllSourceKeyManagementData (`findAllSourceKeyManagementDataUsingGET`)

Request headers

- Content-Type (required)**
Header Parameter – Provide the accepted content default: application/json
- Cookie (required)**
Header Parameter – Provide the JsessionId
- X-XSRF-TOKEN (required)**
Header Parameter – Provide the token information
- x-sessionid (optional)**
Header Parameter – Provide the service session id if you login to more than one cloud service

Query parameters

- page (optional)**
Query Parameter – page

size (optional)
Query Parameter — size

sort (optional)
Query Parameter — sort

Return type
[ResourcesOfSourceKeyManagementData](#)

Example data
Content-Type: application/json

```
{
  "_embedded" : {
    "sourceKeyManagementDatas" : [ {
      "id" : {
        "date" : "2000-01-23T04:56:07.000+00:00",
        "machineIdentifier" : 6,
        "counter" : 0,
        "processIdentifier" : 1,
        "time" : 5,
        "timeSecond" : 5,
        "timestamp" : 2
      },
      "allowSourceKeyDelete" : true
    }, {
      "id" : {
        "date" : "2000-01-23T04:56:07.000+00:00",
        "machineIdentifier" : 6,
        "counter" : 0,
        "processIdentifier" : 1,
        "time" : 5,
        "timeSecond" : 5,
        "timestamp" : 2
      },
      "allowSourceKeyDelete" : true
    } ]
  },
  "_links" : {
    "key" : {
      "templated" : true,
      "rel" : "rel",
      "href" : "href"
    }
  }
}
```

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json
- application/hal+json
- text/uri-list
- application/x-spring-data-compact+json

Responses
200
OK [ResourcesOfSourceKeyManagementData](#)
401
Unauthorized
403
Forbidden
404
Not Found

GET /rest/allowSourceKeyDelete/{id}

Up

findOneSourceKeyManagementData (findOneSourceKeyManagementDataUsingGET)

Path parameters
id (required)
Path Parameter — id

Request headers
Content-Type (required)
Header Parameter — Provide the accepted content default: application/json
Cookie (required)
Header Parameter — Provide the JsessionId
X-XSRF-TOKEN (required)
Header Parameter — Provide the token information
x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type
[ResourceOfSourceKeyManagementData](#)

Example data
Content-Type:

Produces
This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses
200
OK [ResourceOfSourceKeyManagementData](#)
401
Unauthorized
403
Forbidden
404
Not Found

PATCH /rest/allowSourceKeyDelete/{id}

[Up](#)

saveSourceKeyManagementData (saveSourceKeyManagementDataUsingPATCH)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [SourceKeyManagementData](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfSourceKeyManagementData](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfSourceKeyManagementData](#)
204
No Content
401
Unauthorized
403
Forbidden

POST /rest/allowSourceKeyDelete

[Up](#)

saveSourceKeyManagementData (saveSourceKeyManagementDataUsingPOST)

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [SourceKeyManagementData](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfSourceKeyManagementData](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfSourceKeyManagementData](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

PUT /rest/allowSourceKeyDelete/{id}

[Up](#)

saveSourceKeyManagementData (saveSourceKeyManagementDataUsingPUT)

Path parameters

id (required)
Path Parameter — id

Consumes

This API call consumes the following media types via the Content-Type request header:

- application/json

Request body

body [SourceKeyManagementData](#) (required)
Body Parameter — body

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[ResourceOfSourceKeyManagementData](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [ResourceOfSourceKeyManagementData](#)
201
Created
401
Unauthorized
403
Forbidden
404
Not Found

SystemInfoController

GET /systemInfo

Up

Gets the version and relate information of the system ([getSystemInfoUsingGET](#))

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)
Header Parameter — Provide the service session id if you login to more than one cloud service

Return type

[SystemInfo](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200
OK [SystemInfo](#)
401
Unauthorized
403
Forbidden
404
Not Found

UserInfoController

GET /me

Up

This is used to get the user related information ([userUsingGET](#))

Request headers

Content-Type (required)
Header Parameter — Provide the accepted content default: application/json

Cookie (required)
Header Parameter — Provide the JsessionId

X-XSRF-TOKEN (required)
Header Parameter — Provide the token information

x-sessionid (optional)

Header Parameter —

x-tenant (optional)

Header Parameter —

x-user (optional)

Header Parameter —

Query parameters

name (optional)

Query Parameter —

Return type

[PrincipalAndUser](#)

Example data

Content-Type:

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- */*

Responses

200

OK [PrincipalAndUser](#)

401

Unauthorized

403

Forbidden

404

Not Found

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67. [GoogleCloudTenant - GoogleCloudTenant](#)

68. [GoogleCloudUser - GoogleCloudUser](#)

69. [GoogleKeyDestroyRestoreData - GoogleKeyDestroyRestoreData](#)

70. [GoogleKeyRequestData - GoogleKeyRequestData](#)

71. [GoogleKeyRotateData - GoogleKeyRotateData](#)

72. [GoogleKeyUpdateData - GoogleKeyUpdateData](#)

73. [GoogleKeyVersionTemplate - GoogleKeyVersionTemplate](#)

74. [GoogleKeyVersionUpdateData - GoogleKeyVersionUpdateData](#)

75. [GoogleSynchronizeData - GoogleSynchronizeData](#)

76. [GrantConstraints - GrantConstraints](#)

77. [GrantListEntry - GrantListEntry](#)

78. [GrantedAuthority - GrantedAuthority](#)

79. [IbmKey - IbmKey](#)

80. [IbmKeyPolicy - IbmKeyPolicy](#)

81. [IbmKeyRotationPolicy - IbmKeyRotationPolicy](#)

82. [IbmKeySetting - IbmKeySetting](#)

83. [IbmKeyVersion - IbmKeyVersion](#)

84. [IbmLogDnaInstance - IbmLogDnaInstance](#)

85. [IbmNativeKeyRequestData - IbmNativeKeyRequestData](#)

86. [IbmRotationChain - IbmRotationChain](#)

87. [IbmRotationLog - IbmRotationLog](#)

88. [IbmSchedule - IbmSchedule](#)

89. [IbmScheduleOutput - IbmScheduleOutput](#)

90. [IbmUpdateKeyRequestData - IbmUpdateKeyRequestData](#)

91. [IbmUploadKeyRequestData - IbmUploadKeyRequestData](#)

92. [ImportKeyRequestData - ImportKeyRequestData](#)

93. [Json - Json](#)

94. [Key - Key](#)

95. [KeyFileRequestData - KeyFileRequestData](#)

96. [KeyMetadata - KeyMetadata](#)

97. [KeyModifyRequestData - KeyModifyRequestData](#)

98. [KeyOperationResponse - KeyOperationResponse](#)

99. [KeyProducer - KeyProducer](#)

100. [KeyProtectItem - KeyProtectItem](#)

101. [KeyUpdateRequestData - KeyUpdateRequestData](#)

102. [KeyUploadRequestData - KeyUploadRequestData](#)

103. [KeyVaultKey - KeyVaultKey](#)

104. [KeyVaultKeyResponse - KeyVaultKeyResponse](#)

105. [KeyVaultProperties - KeyVaultProperties](#)

106. [License - License](#)

107. [Link - Link](#)

108. [NativeKeyRequestData - NativeKeyRequestData](#)

109. [OAuth2AccessToken - OAuth2AccessToken](#)

110. [OAuth2RefreshToken - OAuth2RefreshToken](#)

111. [ObjectId - ObjectId](#)

112. [OptionalOfAzureKey - OptionalOfAzureKey](#)

113. [OptionalOfIbmRotationChain - OptionalOfIbmRotationChain](#)

114. [OptionalOfListOfReport - OptionalOfListOfReport](#)

115. [OptionalOfReport - OptionalOfReport](#)

116. [OptionalOfSalesforceKey - OptionalOfSalesforceKey](#)

117. [OptionalOfSalesforceNamedCredential - OptionalOfSalesforceNamedCredential](#)

118. [Page - Page](#)

119. [PageOfAzureKey - PageOfAzureKey](#)

120. [PageOfDBObject - PageOfDBObject](#)

121. [PageOfKeyVaultKeyResponse - PageOfKeyVaultKeyResponse](#)

122. [PageOfSalesforceKey - PageOfSalesforceKey](#)

123. [PageOfServiceKey - PageOfServiceKey](#)

124. [Permission - Permission](#)

125. [PolicyPrincipal - PolicyPrincipal](#)

126. [PolicyStatement - PolicyStatement](#)

127. [PrincipalAndUser - PrincipalAndUser](#)

128. [Report - Report](#)

129. [Resource - Resource](#)

130. [ResourceOfAwsKey - ResourceOfAwsKey](#)

131. [ResourceOfAwsSchedule - ResourceOfAwsSchedule](#)

132. [ResourceOfAzureKey - ResourceOfAzureKey](#)

133. [ResourceOfAzureSchedule - ResourceOfAzureSchedule](#)

134. [ResourceOfAzureServicePrincipal - ResourceOfAzureServicePrincipal](#)

135. [ResourceOfCloudAccount - ResourceOfCloudAccount](#)

136. [ResourceOfGoogleCloudKey - ResourceOfGoogleCloudKey](#)

137. [ResourceOfGoogleCloudRefreshToken - ResourceOfGoogleCloudRefreshToken](#)

138. [ResourceOfGoogleCloudSchedule - ResourceOfGoogleCloudSchedule](#)

139. [ResourceOfGoogleCloudTenant - ResourceOfGoogleCloudTenant](#)

140. [ResourceOfGoogleCloudUser - ResourceOfGoogleCloudUser](#)

141. [ResourceOfIbmKey - ResourceOfIbmKey](#)

142. [ResourceOfIbmKeySetting - ResourceOfIbmKeySetting](#)

143. [ResourceOfIbmRotationChain - ResourceOfIbmRotationChain](#)

144. [ResourceOfIbmSchedule - ResourceOfIbmSchedule](#)

145. [ResourceOfKeyVaultKey - ResourceOfKeyVaultKey](#)

146. [ResourceOfOptionalOfAzureKey - ResourceOfOptionalOfAzureKey](#)

147. [ResourceOfOptionalOfGoogleCloudKey - ResourceOfOptionalOfGoogleCloudKey](#)

148. [ResourceOfOptionalOfIbmRotationChain - ResourceOfOptionalOfIbmRotationChain](#)

149. [ResourceOfOptionalOfListOfReport - ResourceOfOptionalOfListOfReport](#)

150. [ResourceOfOptionalOfReport - ResourceOfOptionalOfReport](#)

151. [ResourceOfOptionalOfSalesforceKey - ResourceOfOptionalOfSalesforceKey](#)

152. [ResourceOfOptionalOfSalesforceNamedCredential - ResourceOfOptionalOfSalesforceNamedCredential](#)

153. [ResourceOfPageOfAzureKey - ResourceOfPageOfAzureKey](#)

154. [ResourceOfPageOfSalesforceKey - ResourceOfPageOfSalesforceKey](#)

155. [ResourceOfReport - ResourceOfReport](#)

156. [ResourceOfSalesforceKey - ResourceOfSalesforceKey](#)

157. [ResourceOfSalesforceNamedCredential - ResourceOfSalesforceNamedCredential](#)

158. [ResourceOfSalesforceSchedule - ResourceOfSalesforceSchedule](#)

159. [ResourceOfScheduleLog - ResourceOfScheduleLog](#)

160. [ResourceOfSourceKeyManagementData - ResourceOfSourceKeyManagementData](#)

161. [ResourceOfTenant - ResourceOfTenant](#)

162. [ResourceSupport - ResourceSupport](#)

163. [ResourcesOfAwsKey - ResourcesOfAwsKey](#)

164. [ResourcesOfAwsSchedule - ResourcesOfAwsSchedule](#)

165. [ResourcesOfAzureKey - ResourcesOfAzureKey](#)

166. [ResourcesOfAzureSchedule - ResourcesOfAzureSchedule](#)

167. [ResourcesOfAzureServicePrincipal - ResourcesOfAzureServicePrincipal](#)

168. [ResourcesOfCloudAccount - ResourcesOfCloudAccount](#)

- 169. [ResourcesOfGoogleCloudKey - ResourcesOfGoogleCloudKey](#)
- 170. [ResourcesOfGoogleCloudRefreshToken - ResourcesOfGoogleCloudRefreshToken](#)
- 171. [ResourcesOfGoogleCloudSchedule - ResourcesOfGoogleCloudSchedule](#)
- 172. [ResourcesOfGoogleCloudTenant - ResourcesOfGoogleCloudTenant](#)
- 173. [ResourcesOfGoogleCloudUser - ResourcesOfGoogleCloudUser](#)
- 174. [ResourcesOfIbmKey - ResourcesOfIbmKey](#)
- 175. [ResourcesOfIbmKeySetting - ResourcesOfIbmKeySetting](#)
- 176. [ResourcesOfIbmRotationChain - ResourcesOfIbmRotationChain](#)
- 177. [ResourcesOfIbmSchedule - ResourcesOfIbmSchedule](#)
- 178. [ResourcesOfReport - ResourcesOfReport](#)
- 179. [ResourcesOfSalesforceKey - ResourcesOfSalesforceKey](#)
- 180. [ResourcesOfSalesforceNamedCredential - ResourcesOfSalesforceNamedCredential](#)
- 181. [ResourcesOfSalesforceSchedule - ResourcesOfSalesforceSchedule](#)
- 182. [ResourcesOfScheduleLog - ResourcesOfScheduleLog](#)
- 183. [ResourcesOfSourceKeyManagementData - ResourcesOfSourceKeyManagementData](#)
- 184. [ResponseEntity - ResponseEntity](#)
- 185. [RotateKeyRequestData - RotateKeyRequestData](#)
- 186. [SalesforceKey - SalesforceKey](#)
- 187. [SalesforceNamedCredential - SalesforceNamedCredential](#)
- 188. [SalesforceSchedule - SalesforceSchedule](#)
- 189. [SalesforceScheduleOutput - SalesforceScheduleOutput](#)
- 190. [SalesforceTenantSecret - SalesforceTenantSecret](#)
- 191. [ScheduleLog - ScheduleLog](#)
- 192. [ServiceKey - ServiceKey](#)
- 193. [SessionData - SessionData](#)
- 194. [Sku - Sku](#)
- 195. [Sort - Sort](#)
- 196. [SourceKeyManagementData - SourceKeyManagementData](#)
- 197. [SystemInfo - SystemInfo](#)
- 198. [Tag - Tag](#)
- 199. [Tenant - Tenant](#)
- 200. [ToggleAutoRotateData - ToggleAutoRotateData](#)
- 201. [TypeAutoRotateData - TypeAutoRotateData](#)
- 202. [UpdateKeyPolicyRequestData - UpdateKeyPolicyRequestData](#)
- 203. [UpdateKeyRequestData - UpdateKeyRequestData](#)
- 204. [UpdateRequestData - UpdateRequestData](#)
- 205. [UploadKeyRequestData - UploadKeyRequestData](#)
- 206. [User - User](#)
- 207. [VerifyAliasData - VerifyAliasData](#)

AccessPolicy - AccessPolicy

[Up](#)

- objectId (optional)
[String](#)
- permissions (optional)
[Permission](#)
- tenantId (optional)
[String](#)

Action - Action

[Up](#)

- actionName (optional)
[String](#)

AlgorithmMetadata - AlgorithmMetadata

[Up](#)

- bitLength (optional)
[String](#)
- mode (optional)
[String](#)

Attribute - Attribute

[Up](#)

- type (optional)
[String](#)
- url (optional)
[String](#)

Authentication - Authentication

[Up](#)

- authenticated (optional)
[Boolean](#)
- authorities (optional)
[array\[GrantedAuthority\]](#)
- credentials (optional)
[Object](#)
- details (optional)
[Object](#)
- name (optional)
[String](#)
- principal (optional)
[Object](#)

AutoRotateRequestData - AutoRotateRequestData

[Up](#)

- enable (optional)
[Boolean](#)
- keyProvider (optional)
[String](#)
 - Enum:
 - [DSM](#)
 - [DB](#)
 - [nShield](#)
 - [KeySecure](#)
- scheduleName (optional)
[String](#)

aliases (optional)
[array\[AwsKeyAlias\]](#)

autoRotate (optional)
[Boolean](#)

autoRotateDisableEncrypt (optional)
[Boolean](#)

autoRotateKeyProvider (optional)
[String](#)
Enum:
 DSM
 DB
 nShield
 KeySecure

autoRotateOnExpire (optional)
[Boolean](#)

autoRotateScheduleName (optional)
[String](#)

autoRotateUser (optional)
[String](#)

availableInKeyVault (optional)
[Boolean](#)

backup (optional)
[KeyVaultKey](#)

createdAt
[Long](#) format: int64

createdBy (optional)
[String](#)

grants (optional)
[array\[GrantListEntry\]](#)

id
[String](#)

keyMetadata (optional)
[KeyMetadata](#)

keyType (optional)
[String](#)
Enum:
 AES256
 RSA2048
 RSA4096
 RSA3072
 ECP256
 ECP384
 ECP521
 ECSECP256K1

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

originalKey (optional)
[KeyVaultKey](#)

policy (optional)
[AwsPolicy](#)

region (optional)
[String](#)

regionLabel (optional)
[String](#)

rotationChainId (optional)
[String](#)

rotationStatus (optional)
[String](#)
Enum:
 ARCHIVED
 ACTIVE

source (optional)
[String](#)
Enum:
 KMaaS
 Salesforce
 Azure
 Remote
 GoogleCloud

status (optional)
[String](#)
Enum:
 CREATED
 UPLOADED
 EXPORTED
 ALREADY_DESTROYED
 FETCHED

syncedAt
[Long](#) format: int64

tags (optional)
[array\[Tag\]](#)

tenant (optional)
[Tenant](#)

uploadedAt
[Long](#) format: int64

uploadedBy (optional)

[*String*](#)

uploadedFrom (optional)

[*String*](#)

AwsKeyAlias - AwsKeyAlias

[Up](#)

arn (optional)

[*String*](#)

name (optional)

[*String*](#)

AwsKeyResponse - AwsKeyResponse

[Up](#)

awsKey (optional)

[*AwsKey*](#)

id (optional)

[*String*](#)

sourceKeyId (optional)

[*String*](#)

AwsPolicy - AwsPolicy

[Up](#)

id (optional)

[*String*](#)

statements (optional)

[*array\[PolicyStatement\]*](#)

version (optional)

[*String*](#)

AwsSchedule - AwsSchedule

[Up](#)

accessKeyId (optional)

[*String*](#)

applyOnExpiration (optional)

[*Boolean*](#)

createdAt

[*Long*](#) format: int64

createdBy (optional)

[*String*](#)

cron (optional)

[*String*](#)

description (optional)

[*String*](#)

fixedRateSchedule (optional)

[*Boolean*](#)

humanReadableCron (optional)

[*String*](#)

id

[*String*](#)

interval (optional)

[*Integer*](#) format: int32

intervalKeyExpiration (optional)

[*Integer*](#) format: int32

intervalUnit (optional)

[*String*](#)

Enum:

Hour

Day

Week

Month

Year

None

intervalUnitKeyExpiration (optional)

[*String*](#)

Enum:

Hour

Day

Week

Month

Year

None

jobType (optional)

[*String*](#)

Enum:

KEY_ROTATION

KEY_SYNCHRONIZATION

KEY_EXPIRATION

modifiedAt

[*Long*](#) format: int64

modifiedBy (optional)

[*String*](#)

name (optional)

[*String*](#)

password (optional)

[*String*](#)

pause (optional)

[*Boolean*](#)

startDate

[*Long*](#) format: int64

tenant (optional)

[*Tenant*](#)

username (optional) String	
AwsScheduleOutput - AwsScheduleOutput	Up
id (optional) String	
schedule (optional) AwsSchedule	
AzureAdminConsent - AzureAdminConsent	Up
adminConsentUrl (optional) String	
AzureAdminConsentRequest - AzureAdminConsentRequest	Up
cloudService (optional) String	
password (optional) String	
tenantId (optional) String	
tenantName (optional) String	
AzureCloudsInfo - AzureCloudsInfo	Up
azure (optional) AzureInfo	
azureChina (optional) AzureInfo	
azureGermany (optional) AzureInfo	
azureStack (optional) AzureInfo	
azureStackAdmin (optional) AzureInfo	
AzureDirectory - AzureDirectory	Up
countryCode (optional) String	
displayName (optional) String	
domains (optional) array[String]	
id (optional) String	
tenantId (optional) String	
AzureInfo - AzureInfo	Up
service (optional) Boolean	
AzureKey - AzureKey	Up
autoRotate (optional) Boolean	
autoRotateDsm (optional) Boolean	
autoRotateHsm (optional) Boolean	
autoRotateKeyProvider (optional) String	
Enum: DSM DB nShield KeySecure	
autoRotateKeyType (optional) String	
Enum: AES256 RSA2048 RSA4096 RSA3072 ECP256 ECP384 ECP521 ECSECP256K1	
autoRotateOnExpire (optional) Boolean	
autoRotateScheduleName (optional) String	
autoRotateUser (optional) String	
availableInKeyVault (optional) Boolean	

backup (optional)
[KeyVaultKey](#)

backupAt (optional)
[Long](#) format: int64

createdAt
[Long](#) format: int64

createdBy (optional)
[String](#)

deleted (optional)
[Boolean](#)

description (optional)
[String](#)

id
[String](#)

keySoftDeletedInAzure (optional)
[Boolean](#)

keyType (optional)
[String](#)
Enum:
 AES256
 RSA2048
 RSA4096
 RSA3072
 ECP256
 ECP384
 ECP521
 ECSECP256K1

keyVault (optional)
[String](#)

keyVaultDisplayName (optional)
[String](#)

keyVaultLocation (optional)
[String](#)

keyVaultLocationDisplay (optional)
[String](#)

kid (optional)
[String](#)

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

originalKey (optional)
[KeyVaultKey](#)

softDeleteEnabled (optional)
[Boolean](#)

source (optional)
[String](#)
Enum:
 KMaaS
 Salesforce
 Azure
 Remote
 GoogleCloud

status (optional)
[String](#)
Enum:
 CREATED
 UPLOADED
 EXPORTED
 ALREADY_DESTROYED
 FETCHED

subscriptionId (optional)
[String](#)

syncedAt
[Long](#) format: int64

tenant (optional)
[Tenant](#)

uploadedAt
[Long](#) format: int64

uploadedBy (optional)
[String](#)

uploadedFrom (optional)
[String](#)

versions (optional)
[array\[AzureKeyVersion\]](#)

AzureKeyAttributes - AzureKeyAttributes

created (optional)
[Long](#) format: int64

enabled (optional)
[Boolean](#)

exp (optional)
[Long](#) format: int64

nbf (optional)
[Long](#) format: int64

recoveryLevel (optional)
[String](#)

updated (optional)
[Long](#) format: int64

AzureKeyResponse - AzureKeyResponse

[Up](#)

azureKey (optional)
[AzureKey](#)
id (optional)
[String](#)

AzureKeyVault - AzureKeyVault

[Up](#)

id (optional)
[String](#)
location (optional)
[String](#)
locationDisplay (optional)
[String](#)
myPermissions (optional)
[array\[String\]](#)
name (optional)
[String](#)
properties (optional)
[KeyVaultProperties](#)
resourceGroup (optional)
[String](#)
subscription (optional)
[String](#)
tags (optional)
[map\[String, String\]](#)
type (optional)
[String](#)

AzureKeyVersion - AzureKeyVersion

[Up](#)

attributes (optional)
[AzureKeyAttributes](#)
crv (optional)
[String](#)
description (optional)
[String](#)
e (optional)
[String](#)
keyVault (optional)
[String](#)
key_ops (optional)
[array\[String\]](#)
Enum:
key_size (optional)
[Integer](#) format: int32
kid (optional)
[String](#)
kty (optional)
[String](#)
n (optional)
[String](#)
source (optional)
[String](#)
Enum:
KMaaS
Salesforce
Azure
Remote
GoogleCloud
tags (optional)
[map\[String, String\]](#)
uploadedAt
[Long](#) format: int64
uploadedBy (optional)
[String](#)
uploadedFrom (optional)
[String](#)
version (optional)
[String](#)

AzureSchedule - AzureSchedule

[Up](#)

applyOnExpiration (optional)
[Boolean](#)
createdAt
[Long](#) format: int64
createdBy (optional)
[String](#)
cron (optional)
[String](#)
description (optional)
[String](#)
fixedRateSchedule (optional)
[Boolean](#)
humanReadableCron (optional)
[String](#)

<div>id</div> <div>String</div> <div>interval (optional)</div> <div>Integer format: int32</div> <div>intervalKeyExpiration (optional)</div> <div>Integer format: int32</div> <div>intervalUnit (optional)</div> <div>String</div> <div>Enum:</div> <div>Hour</div> <div>Day</div> <div>Week</div> <div>Month</div> <div>Year</div> <div>None</div> <div>intervalUnitKeyExpiration (optional)</div> <div>String</div> <div>Enum:</div> <div>Hour</div> <div>Day</div> <div>Week</div> <div>Month</div> <div>Year</div> <div>None</div> <div>jobType (optional)</div> <div>String</div> <div>Enum:</div> <div>KEY_ROTATION</div> <div>KEY_SYNCHRONIZATION</div> <div>KEY_EXPIRATION</div> <div>modifiedAt</div> <div>Long format: int64</div> <div>modifiedBy (optional)</div> <div>String</div> <div>name (optional)</div> <div>String</div> <div>password (optional)</div> <div>String</div> <div>pause (optional)</div> <div>Boolean</div> <div>startDate</div> <div>Long format: int64</div> <div>tenant (optional)</div> <div>Tenant</div> <div>username (optional)</div> <div>String</div>	
<div>AzureScheduleOutput - AzureScheduleOutput</div> <div>id (optional)</div> <div>String</div> <div>schedule (optional)</div> <div>AzureSchedule</div>	Up
<div>AzureServicePrincipal - AzureServicePrincipal</div> <div>consented (optional)</div> <div>Boolean</div> <div>createdAt</div> <div>Long format: int64</div> <div>createdBy (optional)</div> <div>String</div> <div>id</div> <div>String</div> <div>modifiedAt</div> <div>Long format: int64</div> <div>modifiedBy (optional)</div> <div>String</div> <div>name (optional)</div> <div>String</div> <div>tenant (optional)</div> <div>Tenant</div>	Up
<div>AzureServicePrincipalData - AzureServicePrincipalData</div> <div>consented (optional)</div> <div>Boolean</div> <div>password (optional)</div> <div>String</div>	Up
<div>AzureShortSubscriptionResponse - AzureShortSubscriptionResponse</div> <div>displayName (optional)</div> <div>String</div> <div>subscriptionID (optional)</div> <div>String</div>	Up
<div>Binding - Binding</div> <div>members (optional)</div> <div>array[String]</div>	Up

<div> <div>role (optional)</div> <div>String</div> </div>	
CloudAccount - CloudAccount	Up
<div> <div>accountLines (optional)</div> <div>String</div> <div>accounts (optional)</div> <div>array[String]</div> </div>	
Condition - Condition	Up
<div> <div>conditionKey (optional)</div> <div>String</div> <div>type (optional)</div> <div>String</div> <div>values (optional)</div> <div>array[String]</div> </div>	
CreateRequestData - CreateRequestData	Up
<div> <div>email (optional)</div> <div>String</div> <div>password (optional)</div> <div>String</div> </div>	
DBObject - DBObject	Up
<div> <div>partialObject (optional)</div> <div>Boolean</div> </div>	
DeleteRequestBody - DeleteRequestBody	Up
<div> <div>deleteKeyAfterDays (optional)</div> <div>Integer format: int32</div> <div>deleteKeyMaterialNow (optional)</div> <div>Boolean</div> </div>	
EmbeddedCollectionOfAwsKey - EmbeddedCollectionOfAwsKey	Up
<div> <div>Embedded collection of AwsKey</div> <div>awsKeys</div> <div>array[AwsKey] Resource collection</div> </div>	
EmbeddedCollectionOfAwsSchedule - EmbeddedCollectionOfAwsSchedule	Up
<div> <div>Embedded collection of AwsSchedule</div> <div>awsSchedules</div> <div>array[AwsSchedule] Resource collection</div> </div>	
EmbeddedCollectionOfAzureKey - EmbeddedCollectionOfAzureKey	Up
<div> <div>Embedded collection of AzureKey</div> <div>azureKeys</div> <div>array[AzureKey] Resource collection</div> </div>	
EmbeddedCollectionOfAzureSchedule - EmbeddedCollectionOfAzureSchedule	Up
<div> <div>Embedded collection of AzureSchedule</div> <div>azureSchedules</div> <div>array[AzureSchedule] Resource collection</div> </div>	
EmbeddedCollectionOfAzureServicePrincipal - EmbeddedCollectionOfAzureServicePrincipal	Up
<div> <div>Embedded collection of AzureServicePrincipal</div> <div>azureServicePrincipals</div> <div>array[AzureServicePrincipal] Resource collection</div> </div>	
EmbeddedCollectionOfCloudAccount - EmbeddedCollectionOfCloudAccount	Up
<div> <div>Embedded collection of CloudAccount</div> <div>cloudAccounts</div> <div>array[CloudAccount] Resource collection</div> </div>	
EmbeddedCollectionOfGoogleCloudKey - EmbeddedCollectionOfGoogleCloudKey	Up
<div> <div>Embedded collection of GoogleCloudKey</div> <div>googleCloudKeys</div> <div>array[GoogleCloudKey] Resource collection</div> </div>	
EmbeddedCollectionOfGoogleCloudRefreshToken - EmbeddedCollectionOfGoogleCloudRefreshToken	Up
<div> <div>Embedded collection of GoogleCloudRefreshToken</div> <div>googleCloudRefreshTokens</div> <div>array[GoogleCloudRefreshToken] Resource collection</div> </div>	
EmbeddedCollectionOfGoogleCloudSchedule - EmbeddedCollectionOfGoogleCloudSchedule	Up
<div> <div>Embedded collection of GoogleCloudSchedule</div> <div>googleCloudSchedules</div> <div>array[GoogleCloudSchedule] Resource collection</div> </div>	

EmbeddedCollectionOfGoogleCloudTenant - EmbeddedCollectionOfGoogleCloudTenant	Up
Embedded collection of GoogleCloudTenant	
<div>googleCloudTenants</div> <div>array[GoogleCloudTenant] Resource collection</div>	
EmbeddedCollectionOfGoogleCloudUser - EmbeddedCollectionOfGoogleCloudUser	Up
Embedded collection of GoogleCloudUser	
<div>googleCloudUsers</div> <div>array[GoogleCloudUser] Resource collection</div>	
EmbeddedCollectionOfIbmKey - EmbeddedCollectionOfIbmKey	Up
Embedded collection of IbmKey	
<div>ibmKeys</div> <div>array[IbmKey] Resource collection</div>	
EmbeddedCollectionOfIbmKeySetting - EmbeddedCollectionOfIbmKeySetting	Up
Embedded collection of IbmKeySetting	
<div>ibmKeySettings</div> <div>array[IbmKeySetting] Resource collection</div>	
EmbeddedCollectionOfIbmRotationChain - EmbeddedCollectionOfIbmRotationChain	Up
Embedded collection of IbmRotationChain	
<div>ibmRotationChains</div> <div>array[IbmRotationChain] Resource collection</div>	
EmbeddedCollectionOfIbmSchedule - EmbeddedCollectionOfIbmSchedule	Up
Embedded collection of IbmSchedule	
<div>ibmSchedules</div> <div>array[IbmSchedule] Resource collection</div>	
EmbeddedCollectionOfReport - EmbeddedCollectionOfReport	Up
Embedded collection of Report	
<div>reports</div> <div>array[Report] Resource collection</div>	
EmbeddedCollectionOfSalesforceKey - EmbeddedCollectionOfSalesforceKey	Up
Embedded collection of SalesforceKey	
<div>salesforceKeys</div> <div>array[SalesforceKey] Resource collection</div>	
EmbeddedCollectionOfSalesforceNamedCredential - EmbeddedCollectionOfSalesforceNamedCredential	Up
Embedded collection of SalesforceNamedCredential	
<div>salesforceNamedCredentials</div> <div>array[SalesforceNamedCredential] Resource collection</div>	
EmbeddedCollectionOfSalesforceSchedule - EmbeddedCollectionOfSalesforceSchedule	Up
Embedded collection of SalesforceSchedule	
<div>salesforceSchedules</div> <div>array[SalesforceSchedule] Resource collection</div>	
EmbeddedCollectionOfScheduleLog - EmbeddedCollectionOfScheduleLog	Up
Embedded collection of ScheduleLog	
<div>scheduleLogs</div> <div>array[ScheduleLog] Resource collection</div>	
EmbeddedCollectionOfSourceKeyManagementData - EmbeddedCollectionOfSourceKeyManagementData	Up
Embedded collection of SourceKeyManagementData	
<div>sourceKeyManagementDatas</div> <div>array[SourceKeyManagementData] Resource collection</div>	
ExternalProtectionLevelOptions - ExternalProtectionLevelOptions	Up
<div>externalKeyUri (optional)</div> <div>String</div>	
GoogleCloudAttestation - GoogleCloudAttestation	Up
<div>content (optional)</div> <div>String</div>	
<div>format (optional)</div> <div>String</div>	
GoogleCloudIamPolicy - GoogleCloudIamPolicy	Up
<div>bindings (optional)</div> <div>array[Binding]</div>	
<div>etag (optional)</div> <div>String</div>	
<div>version (optional)</div> <div></div>	

[String](#)

GoogleCloudKey - GoogleCloudKey

[Up](#)

autoRotate (optional)

[Boolean](#)

autoRotateAlgorithm (optional)

[String](#)

Enum:

GOOGLE_SYMMETRIC_ENCRYPTION
EC_SIGN_P256_SHA256
EC_SIGN_P384_SHA384
RSA_SIGN_PSS_2048_SHA256
RSA_SIGN_PSS_3072_SHA256
RSA_SIGN_PSS_4096_SHA256
RSA_SIGN_PSS_4096_SHA512
RSA_SIGN_PKCS1_2048_SHA256
RSA_SIGN_PKCS1_3072_SHA256
RSA_SIGN_PKCS1_4096_SHA256
RSA_SIGN_PKCS1_4096_SHA512
RSA_DECRYPT_OAEP_2048_SHA256
RSA_DECRYPT_OAEP_3072_SHA256
RSA_DECRYPT_OAEP_4096_SHA256
RSA_DECRYPT_OAEP_4096_SHA512
EXTERNAL_SYMMETRIC_ENCRYPTION

autoRotateKeyProvider (optional)

[String](#)

Enum:

DSM
DB
nShield
KeySecure

autoRotateKeyType (optional)

[String](#)

Enum:

AES256
RSA2048
RSA4096
RSA3072
ECP256
ECP384
ECP521
ECSECP256K1

autoRotateScheduleName (optional)

[String](#)

autoRotateSourceKeyAlgorithm (optional)

[String](#)

autoRotateUser (optional)

[String](#)

availableInKeyVault (optional)

[Boolean](#)

backup (optional)

[KeyVaultKey](#)

createTime (optional)

[Date](#) format: date-time

createdAt

[Long](#) format: int64

createdBy (optional)

[String](#)

id

[String](#)

keyId (optional)

[String](#)

keyName (optional)

[String](#)

keyRing (optional)

[GoogleCloudKeyRing](#)

keyType (optional)

[String](#)

Enum:

AES256
RSA2048
RSA4096
RSA3072
ECP256
ECP384
ECP521
ECSECP256K1

labels (optional)

[map\[String, String\]](#)

location (optional)

[GoogleCloudLocation](#)

modifiedAt

[Long](#) format: int64

modifiedBy (optional)

[String](#)

name (optional)

[String](#)

nextRotationTime (optional)

[Date](#) format: date-time

originalKey (optional)

[KeyVaultKey](#)

primary (optional)

[GoogleCloudKeyVersion](#)

project (optional)

[*String*](#)

purpose (optional)

[*String*](#)

Enum:

ENCRYPT_DECRYPT
ASYMMETRIC_SIGN
ASYMMETRIC_DECRYPT

rotationPeriod (optional)

[*String*](#)

source (optional)

[*String*](#)

Enum:

KMaaS
Salesforce
Azure
Remote
GoogleCloud

status (optional)

[*String*](#)

Enum:

CREATED
UPLOADED
EXPORTED
ALREADY_DESTROYED
FETCHED

syncedAt

[*Long*](#) format: int64

tenant (optional)

[*Tenant*](#)

uploadedAt

[*Long*](#) format: int64

uploadedBy (optional)

[*String*](#)

uploadedFrom (optional)

[*String*](#)

versionTemplate (optional)

[*GoogleKeyVersionTemplate*](#)

versions (optional)

[*array\[GoogleCloudKeyVersion\]*](#)

GoogleCloudKeyRing - GoogleCloudKeyRing

[Up](#)

createTime (optional)

[*String*](#)

keyRingId (optional)

[*String*](#)

location (optional)

[*GoogleCloudLocation*](#)

myPermissions (optional)

[*array\[String\]*](#)

name (optional)

[*String*](#)

policy (optional)

[*GoogleCloudIamPolicy*](#)

projectId (optional)

[*String*](#)

projectName (optional)

[*String*](#)

GoogleCloudKeyVersion - GoogleCloudKeyVersion

[Up](#)

algorithm (optional)

[*String*](#)

Enum:

GOOGLE_SYMMETRIC_ENCRYPTION
EC_SIGN_P256_SHA256
EC_SIGN_P384_SHA384
RSA_SIGN_PSS_2048_SHA256
RSA_SIGN_PSS_3072_SHA256
RSA_SIGN_PSS_4096_SHA256
RSA_SIGN_PSS_4096_SHA512
RSA_SIGN_PKCS1_2048_SHA256
RSA_SIGN_PKCS1_3072_SHA256
RSA_SIGN_PKCS1_4096_SHA256
RSA_SIGN_PKCS1_4096_SHA512
RSA_DECRYPT_OAEP_2048_SHA256
RSA_DECRYPT_OAEP_3072_SHA256
RSA_DECRYPT_OAEP_4096_SHA256
RSA_DECRYPT_OAEP_4096_SHA512
EXTERNAL_SYMMETRIC_ENCRYPTION

attestation (optional)

[*GoogleCloudAttestation*](#)

createTime (optional)

[*Date*](#) format: date-time

destroyEventTime (optional)

[*Date*](#) format: date-time

destroyTime (optional)

[*Date*](#) format: date-time

externalProtectionLevelOptions (optional)

[*ExternalProtectionLevelOptions*](#)

generateTime (optional)

[*Date*](#) format: date-time

importFailureReason (optional)

[*String*](#)

importJob (optional)
[String](#)

importTime (optional)
[Date](#) format: date-time

keyMaterialOrigin (optional)
[String](#)

keySource (optional)
[String](#)
Enum:
 KMaaS
 Salesforce
 Azure
 Remote
 GoogleCloud

name (optional)
[String](#)

originalKey (optional)
[KeyVaultKey](#)

primary (optional)
[Boolean](#)

protectionLevel (optional)
[String](#)
Enum:
 SOFTWARE
 HSM
 EXTERNAL

state (optional)
[String](#)
Enum:
 CRYPTO_KEY_VERSION_STATE_UNSPECIFIED
 PENDING_GENERATION
 ENABLED
 DISABLED
 DESTROY_SCHEDULED
 DESTROYED
 PENDING_IMPORT
 IMPORT_FAILED

uploadedAt (optional)
[Date](#) format: date-time

uploadedBy (optional)
[String](#)

versionId (optional)
[String](#)

GoogleCloudLocation - GoogleCloudLocation

[Up](#)

displayName (optional)
[String](#)

ekmAvailable (optional)
[Boolean](#)

hsmAvailable (optional)
[Boolean](#)

labels (optional)
[map\[String, String\]](#)

locationId (optional)
[String](#)

metadata (optional)
[map\[String, String\]](#)

name (optional)
[String](#)

GoogleCloudProject - GoogleCloudProject

[Up](#)

createTime (optional)
[Date](#) format: date-time

createdAt
[Long](#) format: int64

createdBy (optional)
[String](#)

id
[String](#)

lifecycleState (optional)
[String](#)

locations (optional)
[array\[GoogleCloudLocation\]](#)

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

projectId (optional)
[String](#)

projectNumber (optional)
[String](#)

tenant (optional)
[Tenant](#)

GoogleCloudRefreshToken - GoogleCloudRefreshToken

[Up](#)

_id (optional)

[String](#)

clientID (optional)

[String](#)

encryptedRefreshToken (optional)

[String](#)

userId (optional)

[String](#)

userPassword (optional)

[String](#)

GoogleCloudSchedule - GoogleCloudSchedule

[Up](#)

applyOnExpiration (optional)

[Boolean](#)

createdAt

[Long](#) format: int64

createdBy (optional)

[String](#)

cron (optional)

[String](#)

description (optional)

[String](#)

fixedRateSchedule (optional)

[Boolean](#)

humanReadableCron (optional)

[String](#)

id

[String](#)

interval (optional)

[Integer](#) format: int32

intervalKeyExpiration (optional)

[Integer](#) format: int32

intervalUnit (optional)

[String](#)

Enum:

Hour

Day

Week

Month

Year

None

intervalUnitKeyExpiration (optional)

[String](#)

Enum:

Hour

Day

Week

Month

Year

None

jobType (optional)

[String](#)

Enum:

KEY_ROTATION

KEY_SYNCHRONIZATION

KEY_EXPIRATION

modifiedAt

[Long](#) format: int64

modifiedBy (optional)

[String](#)

name (optional)

[String](#)

password (optional)

[String](#)

pause (optional)

[Boolean](#)

startDate

[Long](#) format: int64

tenant (optional)

[Tenant](#)

username (optional)

[String](#)

GoogleCloudScheduleOutput - GoogleCloudScheduleOutput

[Up](#)

id (optional)

[String](#)

schedule (optional)

[GoogleCloudSchedule](#)

GoogleCloudServiceAccount - GoogleCloudServiceAccount

[Up](#)

email (optional)

[String](#)

id (optional)

[String](#)

keyCreationDate (optional)

[Date](#) format: date-time

keyExpirationDate (optional)

[Date](#) format: date-time

keyId (optional)

[*String*](#)

GoogleCloudTenant - GoogleCloudTenant

[Up](#)

cloudService (optional)

[*String*](#)

createdAt

[*Long*](#) format: int64

createdBy (optional)

[*String*](#)

googleAccountId (optional)

[*String*](#)

id

[*String*](#)

modifiedAt

[*Long*](#) format: int64

modifiedBy (optional)

[*String*](#)

name (optional)

[*String*](#)

GoogleCloudUser - GoogleCloudUser

[Up](#)

active (optional)

[*Boolean*](#)

cckmld (optional)

[*String*](#)

createdAt

[*Long*](#) format: int64

createdBy (optional)

[*String*](#)

email (optional)

[*String*](#)

email_verified (optional)

[*Boolean*](#)

family_name (optional)

[*String*](#)

given_name (optional)

[*String*](#)

hd (optional)

[*String*](#)

id

[*String*](#)

is_first_login (optional)

[*Boolean*](#)

keyCreateDate (optional)

[*Date*](#) format: date-time

keyExpireDate (optional)

[*Date*](#) format: date-time

keyId (optional)

[*String*](#)

keyListKeyRings (optional)

[array\[*String*\]](#)

keyRingsWithListKey (optional)

[array\[*GoogleCloudKeyRing*\]](#)

keysWithListVersion (optional)

[array\[*String*\]](#)

keysWithListVersionPerProject (optional)

[map\[*String*, array\[*String*\]\]](#)

modifiedAt

[*Long*](#) format: int64

modifiedBy (optional)

[*String*](#)

name (optional)

[*String*](#)

password (optional)

[*String*](#)

serviceAccount (optional)

[*Boolean*](#)

sessionId (optional)

[*String*](#)

sub (optional)

[*String*](#)

synchronizedKeyRings (optional)

[array\[*GoogleCloudKeyRing*\]](#)

synchronizedKeyRingsPerProject (optional)

[map\[*String*, array\[*GoogleCloudKeyRing*\]\]](#)

tenant (optional)

[*Tenant*](#)

tenantDisplayName (optional)

[*String*](#)

tid (optional)

[*String*](#)

unique_name (optional)

[*String*](#)

upn (optional)

[*String*](#)

version (optional)
[String](#)

keyName (optional)
[String](#)

keyRing (optional)
[String](#)

labels (optional)
[map\[String, String\]](#)

nextRotationTime (optional)
[Date](#) format: date-time

purpose (optional)
[String](#)

Enum:
ENCRYPT_DECRYPT
ASYMMETRIC_SIGN
ASYMMETRIC_DECRYPT

rotationPeriod (optional)
[Long](#) format: int64

sourceKey (optional)
[String](#)

versionTemplate (optional)
[GoogleKeyVersionTemplate](#)

algorithm (optional)
[String](#)

Enum:
GOOGLE_SYMMETRIC_ENCRYPTION
EC_SIGN_P256_SHA256
EC_SIGN_P384_SHA384
RSA_SIGN_PSS_2048_SHA256
RSA_SIGN_PSS_3072_SHA256
RSA_SIGN_PSS_4096_SHA256
RSA_SIGN_PSS_4096_SHA512
RSA_SIGN_PKCS1_2048_SHA256
RSA_SIGN_PKCS1_3072_SHA256
RSA_SIGN_PKCS1_4096_SHA256
RSA_SIGN_PKCS1_4096_SHA512
RSA_DECRYPT_OAEP_2048_SHA256
RSA_DECRYPT_OAEP_3072_SHA256
RSA_DECRYPT_OAEP_4096_SHA256
RSA_DECRYPT_OAEP_4096_SHA512
EXTERNAL_SYMMETRIC_ENCRYPTION

autoRotate (optional)
[Boolean](#)

autoRotateScheduleName (optional)
[String](#) Required only for auto rotation

keyName (optional)
[String](#)

keyRingID (optional)
[String](#)

provider (optional)
[String](#)

Enum:
DSM
DB
nShield
KeySecure

sourceKey (optional)
[String](#) Required only for manual rotation

changeRotation (optional)
[Boolean](#)

labels (optional)
[map\[String, String\]](#)

nextRotationTime (optional)
[Date](#) format: date-time

primaryId (optional)
[String](#)

rotationPeriod (optional)
[Long](#) format: int64

versionTemplateAlgorithm (optional)
[String](#)

Enum:
GOOGLE_SYMMETRIC_ENCRYPTION
EC_SIGN_P256_SHA256
EC_SIGN_P384_SHA384
RSA_SIGN_PSS_2048_SHA256
RSA_SIGN_PSS_3072_SHA256
RSA_SIGN_PSS_4096_SHA256
RSA_SIGN_PSS_4096_SHA512
RSA_SIGN_PKCS1_2048_SHA256
RSA_SIGN_PKCS1_3072_SHA256
RSA_SIGN_PKCS1_4096_SHA256
RSA_SIGN_PKCS1_4096_SHA512
RSA_DECRYPT_OAEP_2048_SHA256
RSA_DECRYPT_OAEP_3072_SHA256
RSA_DECRYPT_OAEP_4096_SHA256

RSA_DECRYPT_OAEP_4096_SHA512
EXTERNAL_SYMMETRIC_ENCRYPTION

GoogleKeyVersionTemplate - GoogleKeyVersionTemplate

[Up](#)

algorithm (optional)

[String](#)

Enum:

GOOGLE_SYMMETRIC_ENCRYPTION
EC_SIGN_P256_SHA256
EC_SIGN_P384_SHA384
RSA_SIGN_PSS_2048_SHA256
RSA_SIGN_PSS_3072_SHA256
RSA_SIGN_PSS_4096_SHA256
RSA_SIGN_PSS_4096_SHA512
RSA_SIGN_PKCS1_2048_SHA256
RSA_SIGN_PKCS1_3072_SHA256
RSA_SIGN_PKCS1_4096_SHA256
RSA_SIGN_PKCS1_4096_SHA512
RSA_DECRYPT_OAEP_2048_SHA256
RSA_DECRYPT_OAEP_3072_SHA256
RSA_DECRYPT_OAEP_4096_SHA256
RSA_DECRYPT_OAEP_4096_SHA512
EXTERNAL_SYMMETRIC_ENCRYPTION

protectionLevel (optional)

[String](#)

Enum:

SOFTWARE
HSM
EXTERNAL

GoogleKeyVersionUpdateData - GoogleKeyVersionUpdateData

[Up](#)

versionId (optional)

[String](#)

GoogleSynchronizeData - GoogleSynchronizeData

[Up](#)

projects (optional)

[array\[String\]](#)

skipKeyRingSynchronization (optional)

[Boolean](#)

GrantConstraints - GrantConstraints

[Up](#)

encryptionContextEquals (optional)

[map\[String, String\]](#)

encryptionContextSubset (optional)

[map\[String, String\]](#)

GrantListEntry - GrantListEntry

[Up](#)

constraints (optional)

[GrantConstraints](#)

creationDate (optional)

[Date](#) format: date-time

grantId (optional)

[String](#)

granteePrincipal (optional)

[String](#)

issuingAccount (optional)

[String](#)

keyId (optional)

[String](#)

name (optional)

[String](#)

operations (optional)

[array\[String\]](#)

retiringPrincipal (optional)

[String](#)

GrantedAuthority - GrantedAuthority

[Up](#)

authority (optional)

[String](#)

IbmKey - IbmKey

[Up](#)

accountId (optional)

[String](#)

algorithmMetadata (optional)

[AlgorithmMetadata](#)

algorithmType (optional)

[String](#)

autoRotate (optional)

[Boolean](#)

autoRotateKeyProvider (optional)

[String](#)

Enum:

DSM
DB
nShield
KeySecure

autoRotateOnExpire (optional)

[*Boolean*](#)

autoRotateScheduleName (optional)

[*String*](#)

autoRotateUser (optional)

[*String*](#)

availableInKeyVault (optional)

[*Boolean*](#)

backup (optional)

[*KeyVaultKey*](#)

createdAt

[*Long*](#) format: int64

createdBy (optional)

[*String*](#)

createdInIbmBy (optional)

[*String*](#)

creationDate

[*Long*](#) format: int64

crn (optional)

[*String*](#)

deleted (optional)

[*Boolean*](#)

deletedBy (optional)

[*String*](#)

deletionDate

[*Long*](#) format: int64

description (optional)

[*String*](#)

expirationDate

[*Long*](#) format: int64

extractable (optional)

[*Boolean*](#)

ibmId (optional)

[*String*](#)

id

[*String*](#)

imported (optional)

[*Boolean*](#)

keyId (optional)

[*String*](#)

keyMaterialOrigin (optional)

[*String*](#)

keyProtectInstanceId (optional)

[*String*](#)

keyProtectName (optional)

[*String*](#)

keyType (optional)

[*String*](#)

Enum:

AES256

RSA2048

RSA4096

RSA3072

ECP256

ECP384

ECP521

ECSECP256K1

lastRotateDate

[*Long*](#) format: int64

lastUpdateDate

[*Long*](#) format: int64

modifiedAt

[*Long*](#) format: int64

modifiedBy (optional)

[*String*](#)

name (optional)

[*String*](#)

nativeKey (optional)

[*Boolean*](#)

nonactiveStateReason (optional)

[*Integer*](#) format: int32

originalKey (optional)

[*KeyVaultKey*](#)

payload (optional)

[*byte\[\]*](#) format: byte

policies (optional)

[*array\[IbmKeyPolicy\]*](#)

region (optional)

[*String*](#)

resourceGroupId (optional)

[*String*](#)

resourceGroupName (optional)

[*String*](#)

rotationChainId (optional)

[*String*](#)

rotationStatus (optional)

[*String*](#)

Enum:

ACTIVE

ARCHIVED

<p>source (optional) String</p> <p>Enum: <i>KMaaS</i> <i>Salesforce</i> <i>Azure</i> <i>Remote</i> <i>GoogleCloud</i></p> <p>state (optional) Integer format: int32</p> <p>status (optional) String</p> <p>Enum: <i>CREATED</i> <i>UPLOADED</i> <i>EXPORTED</i> <i>ALREADY_DESTROYED</i> <i>FETCHED</i></p> <p>syncedAt Long format: int64</p> <p>tags (optional) array[String]</p> <p>tenant (optional) Tenant</p> <p>uploadedAt Long format: int64</p> <p>uploadedBy (optional) String</p> <p>versions (optional) array[IbmKeyVersion]</p>	
<p>IbmKeyPolicy - IbmKeyPolicy</p> <p>createdat Long format: int64</p> <p>createdby (optional) String</p> <p>crn (optional) String</p> <p>id (optional) String</p> <p>lastUpdateDate Long format: int64</p> <p>rotation (optional) IbmKeyRotationPolicy</p> <p>type (optional) String</p> <p>updatedat Long format: int64</p> <p>updatedby (optional) String</p>	Up
<p>IbmKeyRotationPolicy - IbmKeyRotationPolicy</p> <p>interval_month (optional) Integer format: int32</p>	Up
<p>IbmKeySetting - IbmKeySetting</p> <p>destroyAlertEnabled (optional) Boolean</p> <p>id String</p> <p>importAlertEnabled (optional) Boolean</p> <p>rekeyAlertDays (optional) Integer format: int32</p> <p>rekeyAlertEnabled (optional) Boolean</p> <p>tenant (optional) Tenant</p> <p>updateAlertEnabled (optional) Boolean</p> <p>uploadAlertEnabled (optional) Boolean</p>	Up
<p>IbmKeyVersion - IbmKeyVersion</p> <p>creationDate (optional) Date format: date-time</p> <p>id (optional) String</p>	Up
<p>IbmLogDnaInstance - IbmLogDnaInstance</p> <p>name (optional) String</p> <p>region (optional) String</p> <p>regionLabel (optional)</p>	Up

String serviceKey (optional) String	
IbmNativeKeyRequestData - IbmNativeKeyRequestData	Up
description (optional) String expirationDate (optional) String instanceId (optional) String name (optional) String region (optional) String rootKey (optional) Boolean tags (optional) array[String]	
IbmRotationChain - IbmRotationChain	Up
id String logs (optional) array[IbmRotationLog] sourceKeyIds (optional) array[String]	
IbmRotationLog - IbmRotationLog	Up
activeKeyId (optional) String archivedKeyId (optional) String when Long format: int64 who (optional) String	
IbmSchedule - IbmSchedule	Up
applyOnExpiration (optional) Boolean createdAt Long format: int64 createdBy (optional) String cron (optional) String description (optional) String fixedRateSchedule (optional) Boolean humanReadableCron (optional) String id String interval (optional) Integer format: int32 intervalKeyExpiration (optional) Integer format: int32 intervalUnit (optional) String Enum: Hour Day Week Month Year None intervalUnitKeyExpiration (optional) String Enum: Hour Day Week Month Year None jobType (optional) String Enum: KEY_ROTATION KEY_SYNCHRONIZATION KEY_EXPIRATION modifiedAt Long format: int64 modifiedBy (optional) String	

<p>name (optional) String</p> <p>password (optional) String</p> <p>pause (optional) Boolean</p> <p>startDate Long format: int64</p> <p>tenant (optional) Tenant</p> <p>username (optional) String</p>	
IbmScheduleOutput - IbmScheduleOutput	Up
<p>id (optional) String</p> <p>schedule (optional) IbmSchedule</p>	
IbmUpdateKeyRequestData - IbmUpdateKeyRequestData	Up
<p>enable (optional) Boolean</p> <p>intervalMonth (optional) Integer format: int32</p>	
IbmUploadKeyRequestData - IbmUploadKeyRequestData	Up
<p>description (optional) String</p> <p>expirationDate (optional) String</p> <p>instanceId (optional) String</p> <p>name (optional) String</p> <p>region (optional) String</p> <p>rootKey (optional) Boolean</p> <p>sourceKeyId (optional) String</p> <p>tags (optional) array[String]</p>	
ImportKeyRequestData - ImportKeyRequestData	Up
<p>sourceKeyId (optional) String</p> <p>validTo (optional) Long format: int64</p>	
Json - Json	Up
Key - Key	Up
<p>hash (optional) String</p> <p>length (optional) Integer format: int32</p> <p>value (optional) String</p>	
KeyFileRequestData - KeyFileRequestData	Up
<p>attributes (optional) AzureKeyAttributes</p> <p>hsm (optional) Boolean</p> <p>keyId (optional) String</p> <p>keyName (optional) String</p> <p>keyVaultDisplayName (optional) String</p> <p>keyVaultKeyId (optional) String</p> <p>keyVaultName (optional) String</p> <p>key_ops (optional) array[String]</p> <p>pfxpassword (optional) String</p> <p>softDeleteEnabled (optional) Boolean</p> <p>sourceKeyName (optional)</p>	

[String](#)

tags (optional)

[map\[String, String\]](#)

type (optional)

[String](#)

user (optional)

[String](#)

KeyMetadata - KeyMetadata

[Up](#)

arn (optional)

[String](#)

awsaccountId (optional)

[String](#)

cloudHsmClusterId (optional)

[String](#)

creationDate (optional)

[Date](#) format: date-time

customKeyStoreId (optional)

[String](#)

deletionDate (optional)

[Date](#) format: date-time

description (optional)

[String](#)

enabled (optional)

[Boolean](#)

expirationModel (optional)

[String](#)

keyId (optional)

[String](#)

keyManager (optional)

[String](#)

keyState (optional)

[String](#)

keyUsage (optional)

[String](#)

origin (optional)

[String](#)

validTo (optional)

[Date](#) format: date-time

KeyModifyRequestData - KeyModifyRequestData

[Up](#)

certificateName (optional)

[String](#)

description (optional)

[String](#)

namedCredentialServiceId (optional)

[String](#)

KeyOperationResponse - KeyOperationResponse

[Up](#)

code (optional)

[Integer](#) format: int32

detailedMessage (optional)

[String](#)

message (optional)

[String](#)

KeyProducer - KeyProducer

[Up](#)

name (optional)

[String](#)

provider (optional)

[String](#)

Enum:

DSM

DB

nShield

KeySecure

KeyProtectItem - KeyProtectItem

[Up](#)

id (optional)

[String](#)

name (optional)

[String](#)

permissions (optional)

[Integer](#) format: int32

region (optional)

[String](#)

KeyUpdateRequestData - KeyUpdateRequestData

[Up](#)

attributes (optional)

[AzureKeyAttributes](#)

keyId (optional)

[String](#)

keyName (optional)

[*String*](#)

keyVaultKeyId (optional)

[*String*](#)

keyVaultName (optional)

[*String*](#)

key_ops (optional)

[*array\[String\]*](#)

Enum:

tags (optional)

[*map\[String, String\]*](#)

KeyUploadRequestData - KeyUploadRequestData

[Up](#)

certificateLabel (optional)

[*String*](#)

certificateName (optional)

[*String*](#)

keyDerivationMode (optional)

[*String*](#)

keyPassphrase (optional)

[*String*](#)

keyVaultKeyId (optional)

[*String*](#)

namedCredentialServiceId (optional)

[*String*](#)

type (optional)

[*String*](#)

Enum:

Data

SearchIndex

DeterministicData

EventBus

Analytics

None

KeyVaultKey - KeyVaultKey

[Up](#)

algorithm (optional)

[*String*](#)

allTenant (optional)

[*Boolean*](#)

blob (optional)

[*String*](#)

blobUUID (optional)

[*String*](#)

cckmId (optional)

[*String*](#)

certificate (optional)

[*String*](#)

createdAt

[*Long*](#) format: int64

createdBy (optional)

[*String*](#)

deleted (optional)

[*Boolean*](#)

description (optional)

[*String*](#)

hashType (optional)

[*String*](#)

id

[*String*](#)

iv (optional)

[*String*](#)

keyFormat (optional)

[*String*](#)

Enum:

JWE

NONE

keyId (optional)

[*String*](#)

keySource (optional)

[*String*](#)

Enum:

KMaaS

Salesforce

Azure

Remote

GoogleCloud

modifiedAt

[*Long*](#) format: int64

modifiedBy (optional)

[*String*](#)

nShieldKeyBlob (optional)

[*String*](#)

name (optional)

[*String*](#)

nonce (optional)

[*String*](#)

privateKey (optional)

[*Key*](#)

protected (optional)

[Boolean](#)

provider (optional)

[String](#)

Enum:

DSM

DB

nShield

KeySecure

publicKey (optional)

[Key](#)

requestId (optional)

[String](#)

restrictDeletion (optional)

[Boolean](#)

secretKey (optional)

[Key](#)

service (optional)

[String](#)

Enum:

NONE

Salesforce

SalesforceSandbox

Azure

AWS

AzureGermany

AzureChina

AzureStack

AzureStackAdmin

AzureGovernment

IBM

GoogleCloud

serviceKeyPage (optional)

[PageOfServiceKey](#)

sourceKeyTier (optional)

[String](#)

tenant (optional)

[Tenant](#)

KeyVaultKeyResponse - KeyVaultKeyResponse

[Up](#)

id (optional)

[String](#)

keyVaultKey (optional)

[KeyVaultKey](#)

KeyVaultProperties - KeyVaultProperties

[Up](#)

accessPolicies (optional)

[array\[AccessPolicy\]](#)

enableSoftDelete (optional)

[Boolean](#)

enabledForDeployment (optional)

[Boolean](#)

enabledForDiskencryption (optional)

[Boolean](#)

enabledForTemplateDeployment (optional)

[Boolean](#)

sku (optional)

[Sku](#)

tenantId (optional)

[String](#)

vaultUri (optional)

[String](#)

License - License

[Up](#)

awsLicenseExpired (optional)

[Boolean](#)

azureLicenseExpired (optional)

[Boolean](#)

byok_azure_applications (optional)

[String](#)

byok_gcp_applications (optional)

[String](#)

byok_license_expires_aws (optional)

[String](#)

byok_license_expires_azure (optional)

[String](#)

byok_license_expires_gcp (optional)

[String](#)

byok_license_expires_ibm (optional)

[String](#)

byok_license_expires_sfcd (optional)

[String](#)

byok_license_sfcd_org_ids (optional)

[String](#)

byok_license_type_aws (optional)

[String](#)

byok_license_type_azure (optional)

[String](#)

byok_license_type_gcp (optional)

[String](#)

byok_license_type_ibm (optional)

[String](#)

byok_license_type_sfdc (optional)

[String](#)

byok_max_azure_applications (optional)

[String](#)

byok_max_gcp_applications (optional)

[String](#)

byok_max_sfdc_orgs (optional)

[String](#)

googleLicenseExpired (optional)

[Boolean](#)

ibmLicenseExpired (optional)

[Boolean](#)

sfdcLicenseExpired (optional)

[Boolean](#)

Link - Link

[Up](#)

href (optional)

[String](#)

rel (optional)

[String](#)

templated (optional)

[Boolean](#)

NativeKeyRequestData - NativeKeyRequestData

[Up](#)

attributes (optional)

[AzureKeyAttributes](#)

hsm (optional)

[Boolean](#)

keyId (optional)

[String](#)

keyName (optional)

[String](#)

keyType (optional)

[String](#)

Enum:

[AES256](#)

[RSA2048](#)

[RSA4096](#)

[RSA3072](#)

[ECP256](#)

[ECP384](#)

[ECP521](#)

[ECSECP256K1](#)

keyVaultDisplayName (optional)

[String](#)

keyVaultKeyId (optional)

[String](#)

keyVaultName (optional)

[String](#)

key_ops (optional)

[array\[String\]](#)

softDeleteEnabled (optional)

[Boolean](#)

tags (optional)

[map\[String, String\]](#)

OAuth2AccessToken - OAuth2AccessToken

[Up](#)

additionalInformation (optional)

[Object](#)

expiration (optional)

[Date](#) format: date-time

expired (optional)

[Boolean](#)

expiresIn (optional)

[Integer](#) format: int32

refreshToken (optional)

[OAuth2RefreshToken](#)

scope (optional)

[array\[String\]](#)

tokenType (optional)

[String](#)

value (optional)

[String](#)

OAuth2RefreshToken - OAuth2RefreshToken

[Up](#)

value (optional)

[String](#)

ObjectId - ObjectId

[Up](#)

counter (optional)

[Integer](#) format: int32

<p>date (optional) Date format: date-time</p> <p>machineIdentifier (optional) Integer format: int32</p> <p>processIdentifier (optional) Integer format: int32</p> <p>time (optional) Long format: int64</p> <p>timeSecond (optional) Integer format: int32</p> <p>timestamp (optional) Integer format: int32</p>	
OptionalOfAzureKey - OptionalOfAzureKey	Up
<p>present (optional) Boolean</p>	
OptionalOfIbmRotationChain - OptionalOfIbmRotationChain	Up
<p>present (optional) Boolean</p>	
OptionalOfListOfReport - OptionalOfListOfReport	Up
<p>present (optional) Boolean</p>	
OptionalOfReport - OptionalOfReport	Up
<p>present (optional) Boolean</p>	
OptionalOfSalesforceKey - OptionalOfSalesforceKey	Up
<p>present (optional) Boolean</p>	
OptionalOfSalesforceNamedCredential - OptionalOfSalesforceNamedCredential	Up
<p>present (optional) Boolean</p>	
Page - Page	Up
<p>content (optional) array[Object]</p> <p>first (optional) Boolean</p> <p>last (optional) Boolean</p> <p>number (optional) Integer format: int32</p> <p>numberOfElements (optional) Integer format: int32</p> <p>size (optional) Integer format: int32</p> <p>sort (optional) Sort</p> <p>totalElements (optional) Long format: int64</p> <p>totalPages (optional) Integer format: int32</p>	
PageOfAzureKey - PageOfAzureKey	Up
<p>content (optional) array[AzureKey]</p> <p>first (optional) Boolean</p> <p>last (optional) Boolean</p> <p>number (optional) Integer format: int32</p> <p>numberOfElements (optional) Integer format: int32</p> <p>size (optional) Integer format: int32</p> <p>sort (optional) Sort</p> <p>totalElements (optional) Long format: int64</p> <p>totalPages (optional) Integer format: int32</p>	
PageOfDBObject - PageOfDBObject	Up
<p>content (optional)</p>	

[array\[DBObject\]](#)

first (optional)

[Boolean](#)

last (optional)

[Boolean](#)

number (optional)

[Integer](#) format: int32

numberOfElements (optional)

[Integer](#) format: int32

size (optional)

[Integer](#) format: int32

sort (optional)

[Sort](#)

totalElements (optional)

[Long](#) format: int64

totalPages (optional)

[Integer](#) format: int32

PageOfKeyVaultKeyResponse - PageOfKeyVaultKeyResponse

[Up](#)

content (optional)

[array\[KeyVaultKeyResponse\]](#)

first (optional)

[Boolean](#)

last (optional)

[Boolean](#)

number (optional)

[Integer](#) format: int32

numberOfElements (optional)

[Integer](#) format: int32

size (optional)

[Integer](#) format: int32

sort (optional)

[Sort](#)

totalElements (optional)

[Long](#) format: int64

totalPages (optional)

[Integer](#) format: int32

PageOfSalesforceKey - PageOfSalesforceKey

[Up](#)

content (optional)

[array\[SalesforceKey\]](#)

first (optional)

[Boolean](#)

last (optional)

[Boolean](#)

number (optional)

[Integer](#) format: int32

numberOfElements (optional)

[Integer](#) format: int32

size (optional)

[Integer](#) format: int32

sort (optional)

[Sort](#)

totalElements (optional)

[Long](#) format: int64

totalPages (optional)

[Integer](#) format: int32

PageOfServiceKey - PageOfServiceKey

[Up](#)

content (optional)

[array\[ServiceKey\]](#)

first (optional)

[Boolean](#)

last (optional)

[Boolean](#)

number (optional)

[Integer](#) format: int32

numberOfElements (optional)

[Integer](#) format: int32

size (optional)

[Integer](#) format: int32

sort (optional)

[Sort](#)

totalElements (optional)

[Long](#) format: int64

totalPages (optional)

[Integer](#) format: int32

Permission - Permission

[Up](#)

certificates (optional)

[array\[String\]](#)

keys (optional)

[array\[String\]](#)

secrets (optional) array[String]	
PolicyPrincipal - PolicyPrincipal	Up
pid (optional) String	
provider (optional) String	
PolicyStatement - PolicyStatement	Up
actions (optional) array[Action]	
conditions (optional) array[Condition]	
effect (optional) String	
Enum: Allow Deny	
id (optional) String	
principals (optional) array[PolicyPrincipal]	
resources (optional) array[Resource]	
PrincipalAndUser - PrincipalAndUser	Up
aws (optional) array[User]	
awsGov (optional) array[User]	
azure (optional) array[User]	
azureChina (optional) array[User]	
azureGermany (optional) array[User]	
azureStack (optional) array[User]	
azureStackAdmin (optional) array[User]	
azureUsGov (optional) array[User]	
cloudServiceUsers (optional) map[String, User]	
googleCloud (optional) array[User]	
ibm (optional) array[User]	
latestLoggedInSession (optional) String	
latestLoggedInUser (optional) User	
latestLoggedInUserService (optional) String	
loggedInUsers (optional) Integer format: int32	
name (optional) String	
salesforce (optional) array[User]	
salesforcesandbox (optional) array[User]	
userAuthentication (optional) Authentication	
Report - Report	Up
createdAt Long format: int64	
createdBy (optional) String	
csp (optional) String	
Enum: aws azure salesforce ibm googleCloud	
from Long format: int64	
id String	
logDnInstance (optional) IbmLogDnInstance	

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

status (optional)
[String](#)
Enum:
REQUESTED
READY
FAILED

tenant (optional)
[Tenant](#)

to
[Long](#) format: int64

type (optional)
[String](#)
Enum:
KEY_360_RECONCILIATION
KEY_ACTIVITY
KEY_AGING
KEY_SERVICE_USAGE
USER_ACTIVITY

Resource - Resource

[Up](#)

id (optional)
[String](#)

notType (optional)
[Boolean](#)

ResourceOfAwsKey - ResourceOfAwsKey

[Up](#)

aliases (optional)
[array\[AwsKeyAlias\]](#)

autoRotate (optional)
[Boolean](#)

autoRotateDisableEncrypt (optional)
[Boolean](#)

autoRotateKeyProvider (optional)
[String](#)
Enum:
DSM
DB
nShield
KeySecure

autoRotateOnExpire (optional)
[Boolean](#)

autoRotateScheduleName (optional)
[String](#)

autoRotateUser (optional)
[String](#)

availableInKeyVault (optional)
[Boolean](#)

backup (optional)
[KeyVaultKey](#)

createdAt
[Long](#) format: int64

createdBy (optional)
[String](#)

grants (optional)
[array\[GrantListEntry\]](#)

id
[String](#)

keyMetadata (optional)
[KeyMetadata](#)

keyType (optional)
[String](#)
Enum:
AES256
RSA2048
RSA4096
RSA3072
ECP256
ECP384
ECP521
ECSECP256K1

links (optional)
[array\[Link\]](#)

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

originalKey (optional)
[KeyVaultKey](#)

policy (optional)
[AwsPolicy](#)

region (optional)
[String](#)

regionLabel (optional)
[String](#)

rotationChainId (optional)
[String](#)

rotationStatus (optional)
[String](#)
Enum:
ARCHIVED
ACTIVE

source (optional)
[String](#)
Enum:
KMaaS
Salesforce
Azure
Remote
GoogleCloud

status (optional)
[String](#)
Enum:
CREATED
UPLOADED
EXPORTED
ALREADY_DESTROYED
FETCHED

syncedAt
[Long](#) format: int64

tags (optional)
[array\[Tag\]](#)

tenant (optional)
[Tenant](#)

uploadedAt
[Long](#) format: int64

uploadedBy (optional)
[String](#)

uploadedFrom (optional)
[String](#)

ResourceOfAwsSchedule - ResourceOfAwsSchedule

[Up](#)

accessKeyId (optional)
[String](#)

applyOnExpiration (optional)
[Boolean](#)

createdAt
[Long](#) format: int64

createdBy (optional)
[String](#)

cron (optional)
[String](#)

description (optional)
[String](#)

fixedRateSchedule (optional)
[Boolean](#)

humanReadableCron (optional)
[String](#)

id
[String](#)

interval (optional)
[Integer](#) format: int32

intervalKeyExpiration (optional)
[Integer](#) format: int32

intervalUnit (optional)
[String](#)
Enum:
Hour
Day
Week
Month
Year
None

intervalUnitKeyExpiration (optional)
[String](#)
Enum:
Hour
Day
Week
Month
Year
None

jobType (optional)
[String](#)
Enum:
KEY_ROTATION
KEY_SYNCHRONIZATION
KEY_EXPIRATION

links (optional)
[array\[Link\]](#)

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

pause (optional)
[Boolean](#)

startDate
[Long](#) format: int64

tenant (optional)
[Tenant](#)

username (optional)
[String](#)

ResourceOfAzureKey - ResourceOfAzureKey

[Up](#)

autoRotate (optional)
[Boolean](#)

autoRotateDsm (optional)
[Boolean](#)

autoRotateHsm (optional)
[Boolean](#)

autoRotateKeyProvider (optional)
[String](#)
Enum:
 DSM
 DB
 nShield
 KeySecure

autoRotateKeyType (optional)
[String](#)
Enum:
 AES256
 RSA2048
 RSA4096
 RSA3072
 ECP256
 ECP384
 ECP521
 ECSECP256K1

autoRotateOnExpire (optional)
[Boolean](#)

autoRotateScheduleName (optional)
[String](#)

autoRotateUser (optional)
[String](#)

availableInKeyVault (optional)
[Boolean](#)

backup (optional)
[KeyVaultKey](#)

backupAt (optional)
[Long](#) format: int64

createdAt
[Long](#) format: int64

createdBy (optional)
[String](#)

deleted (optional)
[Boolean](#)

description (optional)
[String](#)

id
[String](#)

keySoftDeletedInAzure (optional)
[Boolean](#)

keyType (optional)
[String](#)
Enum:
 AES256
 RSA2048
 RSA4096
 RSA3072
 ECP256
 ECP384
 ECP521
 ECSECP256K1

keyVault (optional)
[String](#)

keyVaultDisplayName (optional)
[String](#)

keyVaultLocation (optional)
[String](#)

keyVaultLocationDisplay (optional)
[String](#)

kid (optional)
[String](#)

links (optional)
[array\[Link\]](#)

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

originalKey (optional)
[KeyVaultKey](#)

softDeleteEnabled (optional)
[Boolean](#)

source (optional)
[String](#)
Enum:
 KMaaS
 Salesforce
 Azure
 Remote
 GoogleCloud

status (optional)
[String](#)
Enum:
 CREATED
 UPLOADED
 EXPORTED
 ALREADY_DESTROYED
 FETCHED

subscriptionId (optional)
[String](#)

syncedAt
[Long](#) format: int64

tenant (optional)
[Tenant](#)

uploadedAt
[Long](#) format: int64

uploadedBy (optional)
[String](#)

uploadedFrom (optional)
[String](#)

versions (optional)
[array\[AzureKeyVersion\]](#)

ResourceOfAzureSchedule - ResourceOfAzureSchedule

[Up](#)

applyOnExpiration (optional)
[Boolean](#)

createdAt
[Long](#) format: int64

createdBy (optional)
[String](#)

cron (optional)
[String](#)

description (optional)
[String](#)

fixedRateSchedule (optional)
[Boolean](#)

humanReadableCron (optional)
[String](#)

id
[String](#)

interval (optional)
[Integer](#) format: int32

intervalKeyExpiration (optional)
[Integer](#) format: int32

intervalUnit (optional)
[String](#)
Enum:
 Hour
 Day
 Week
 Month
 Year
 None

intervalUnitKeyExpiration (optional)
[String](#)
Enum:
 Hour
 Day
 Week
 Month
 Year
 None

jobType (optional)
[String](#)
Enum:
 KEY_ROTATION
 KEY_SYNCHRONIZATION
 KEY_EXPIRATION

links (optional)
[array\[Link\]](#)

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

pause (optional)
[Boolean](#)

startDate
[Long](#) format: int64

tenant (optional)
[Tenant](#)

username (optional)
[String](#)

consented (optional)

[Boolean](#)

createdAt

[Long](#) format: int64

createdBy (optional)

[String](#)

id

[String](#)

links (optional)

[array\[Link\]](#)

modifiedAt

[Long](#) format: int64

modifiedBy (optional)

[String](#)

name (optional)

[String](#)

tenant (optional)

[Tenant](#)

ResourceOfCloudAccount - ResourceOfCloudAccount

accountLines (optional)

[String](#)

accounts (optional)

[array\[String\]](#)

links (optional)

[array\[Link\]](#)

ResourceOfGoogleCloudKey - ResourceOfGoogleCloudKey

autoRotate (optional)

[Boolean](#)

autoRotateAlgorithm (optional)

[String](#)

Enum:

GOOGLE_SYMMETRIC_ENCRYPTION

EC_SIGN_P256_SHA256

EC_SIGN_P384_SHA384

RSA_SIGN_PSS_2048_SHA256

RSA_SIGN_PSS_3072_SHA256

RSA_SIGN_PSS_4096_SHA256

RSA_SIGN_PSS_4096_SHA512

RSA_SIGN_PKCS1_2048_SHA256

RSA_SIGN_PKCS1_3072_SHA256

RSA_SIGN_PKCS1_4096_SHA256

RSA_SIGN_PKCS1_4096_SHA512

RSA_DECRYPT_OAEP_2048_SHA256

RSA_DECRYPT_OAEP_3072_SHA256

RSA_DECRYPT_OAEP_4096_SHA256

RSA_DECRYPT_OAEP_4096_SHA512

EXTERNAL_SYMMETRIC_ENCRYPTION

autoRotateKeyProvider (optional)

[String](#)

Enum:

DSM

DB

nShield

KeySecure

autoRotateKeyType (optional)

[String](#)

Enum:

AES256

RSA2048

RSA4096

RSA3072

ECP256

ECP384

ECP521

ECSECP256K1

autoRotateScheduleName (optional)

[String](#)

autoRotateSourceKeyAlgorithm (optional)

[String](#)

autoRotateUser (optional)

[String](#)

availableInKeyVault (optional)

[Boolean](#)

backup (optional)

[KeyVaultKey](#)

createTime (optional)

[Date](#) format: date-time

createdAt

[Long](#) format: int64

createdBy (optional)

[String](#)

id

[String](#)

keyId (optional)

[String](#)

keyName (optional)

[String](#)

keyRing (optional)

[GoogleCloudKeyRing](#)

keyType (optional)

[String](#)

Enum:

AES256
RSA2048
RSA4096
RSA3072
ECP256
ECP384
ECP521
ECSECP256K1

labels (optional)

[map\[String, String\]](#)

links (optional)

[array\[Link\]](#)

location (optional)

[GoogleCloudLocation](#)

modifiedAt

[Long](#) format: int64

modifiedBy (optional)

[String](#)

name (optional)

[String](#)

nextRotationTime (optional)

[Date](#) format: date-time

originalKey (optional)

[KeyVaultKey](#)

primary (optional)

[GoogleCloudKeyVersion](#)

project (optional)

[String](#)

purpose (optional)

[String](#)

Enum:

ENCRYPT_DECRYPT
ASYMMETRIC_SIGN
ASYMMETRIC_DECRYPT

rotationPeriod (optional)

[String](#)

source (optional)

[String](#)

Enum:

KMaaS
Salesforce
Azure
Remote
GoogleCloud

status (optional)

[String](#)

Enum:

CREATED
UPLOADED
EXPORTED
ALREADY_DESTROYED
FETCHED

syncedAt

[Long](#) format: int64

tenant (optional)

[Tenant](#)

uploadedAt

[Long](#) format: int64

uploadedBy (optional)

[String](#)

uploadedFrom (optional)

[String](#)

versionTemplate (optional)

[GoogleKeyVersionTemplate](#)

versions (optional)

[array\[GoogleCloudKeyVersion\]](#)

ResourceOfGoogleCloudRefreshToken - ResourceOfGoogleCloudRefreshToken

[Up](#)

_id (optional)

[String](#)

clientID (optional)

[String](#)

encryptedRefreshToken (optional)

[String](#)

links (optional)

[array\[Link\]](#)

userId (optional)

[String](#)

userPassword (optional)

[String](#)

ResourceOfGoogleCloudSchedule - ResourceOfGoogleCloudSchedule

[Up](#)

applyOnExpiration (optional)

[Boolean](#)

createdAt

[Long](#) format: int64

createdBy (optional)
[String](#)

cron (optional)
[String](#)

description (optional)
[String](#)

fixedRateSchedule (optional)
[Boolean](#)

humanReadableCron (optional)
[String](#)

id
[String](#)

interval (optional)
[Integer](#) format: int32

intervalKeyExpiration (optional)
[Integer](#) format: int32

intervalUnit (optional)
[String](#)
Enum:
Hour
Day
Week
Month
Year
None

intervalUnitKeyExpiration (optional)
[String](#)
Enum:
Hour
Day
Week
Month
Year
None

jobType (optional)
[String](#)
Enum:
KEY_ROTATION
KEY_SYNCHRONIZATION
KEY_EXPIRATION

links (optional)
[array\[Link\]](#)

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

pause (optional)
[Boolean](#)

startDate
[Long](#) format: int64

tenant (optional)
[Tenant](#)

username (optional)
[String](#)

ResourceOfGoogleCloudTenant - ResourceOfGoogleCloudTenant

[Up](#)

cloudService (optional)
[String](#)

createdAt
[Long](#) format: int64

createdBy (optional)
[String](#)

googleAccountId (optional)
[String](#)

id
[String](#)

links (optional)
[array\[Link\]](#)

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

ResourceOfGoogleCloudUser - ResourceOfGoogleCloudUser

[Up](#)

active (optional)
[Boolean](#)

cckmld (optional)
[String](#)

createdAt
[Long](#) format: int64

createdBy (optional)
[String](#)

email (optional)
[String](#)

email_verified (optional)

[Boolean](#)

family_name (optional)

[String](#)

given_name (optional)

[String](#)

hd (optional)

[String](#)

id

[String](#)

is_first_login (optional)

[Boolean](#)

keyCreateDate (optional)

[Date](#) format: date-time

keyExpireDate (optional)

[Date](#) format: date-time

keyId (optional)

[String](#)

keyListKeyRings (optional)

[array\[String\]](#)

keyRingsWithListKey (optional)

[array\[GoogleCloudKeyRing\]](#)

keysWithListVersion (optional)

[array\[String\]](#)

keysWithListVersionPerProject (optional)

[map\[String, array\[String\]\]](#)

links (optional)

[array\[Link\]](#)

modifiedAt

[Long](#) format: int64

modifiedBy (optional)

[String](#)

name (optional)

[String](#)

serviceAccount (optional)

[Boolean](#)

sessionId (optional)

[String](#)

sub (optional)

[String](#)

synchronizedKeyRings (optional)

[array\[GoogleCloudKeyRing\]](#)

synchronizedKeyRingsPerProject (optional)

[map\[String, array\[GoogleCloudKeyRing\]\]](#)

tenant (optional)

[Tenant](#)

tenantDisplayName (optional)

[String](#)

tid (optional)

[String](#)

unique_name (optional)

[String](#)

upn (optional)

[String](#)

ResourceOfIbmKey - ResourceOfIbmKey

[Up](#)

accountId (optional)

[String](#)

algorithmMetadata (optional)

[AlgorithmMetadata](#)

algorithmType (optional)

[String](#)

autoRotate (optional)

[Boolean](#)

autoRotateKeyProvider (optional)

[String](#)

Enum:

DSM

DB

nShield

KeySecure

autoRotateOnExpire (optional)

[Boolean](#)

autoRotateScheduleName (optional)

[String](#)

autoRotateUser (optional)

[String](#)

availableInKeyVault (optional)

[Boolean](#)

backup (optional)

[KeyVaultKey](#)

createdAt

[Long](#) format: int64

createdBy (optional)

[String](#)

createdInIbmBy (optional)

[String](#)

creationDate

[Long](#) format: int64

crn (optional)
[String](#)

deleted (optional)
[Boolean](#)

deletedBy (optional)
[String](#)

deletionDate
[Long](#) format: int64

description (optional)
[String](#)

expirationDate
[Long](#) format: int64

extractable (optional)
[Boolean](#)

ibmId (optional)
[String](#)

id
[String](#)

imported (optional)
[Boolean](#)

keyId (optional)
[String](#)

keyMaterialOrigin (optional)
[String](#)

keyProtectInstanceId (optional)
[String](#)

keyProtectName (optional)
[String](#)

keyType (optional)
[String](#)
Enum:
AES256
RSA2048
RSA4096
RSA3072
ECP256
ECP384
ECP521
ECSECP256K1

lastRotateDate
[Long](#) format: int64

lastUpdateDate
[Long](#) format: int64

links (optional)
[array\[Link\]](#)

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

name (optional)
[String](#)

nativeKey (optional)
[Boolean](#)

nonactiveStateReason (optional)
[Integer](#) format: int32

originalKey (optional)
[KeyVaultKey](#)

payload (optional)
[byte\[\]](#) format: byte

policies (optional)
[array\[IbmKeyPolicy\]](#)

region (optional)
[String](#)

resourceGroupId (optional)
[String](#)

resourceGroupName (optional)
[String](#)

rotationChainId (optional)
[String](#)

rotationStatus (optional)
[String](#)
Enum:
ACTIVE
ARCHIVED

source (optional)
[String](#)
Enum:
KMaaS
Salesforce
Azure
Remote
GoogleCloud

state (optional)
[Integer](#) format: int32

status (optional)
[String](#)
Enum:
CREATED
UPLOADED
EXPORTED
ALREADY_DESTROYED

FETCHED

syncedAt
[Long](#) format: int64
tags (optional)
[array\[String\]](#)
tenant (optional)
[Tenant](#)
uploadedAt
[Long](#) format: int64
uploadedBy (optional)
[String](#)
versions (optional)
[array\[IbmKeyVersion\]](#)

ResourceOfIbmKeySetting - ResourceOfIbmKeySetting

[Up](#)

destroyAlertEnabled (optional)
[Boolean](#)
id
[String](#)
importAlertEnabled (optional)
[Boolean](#)
links (optional)
[array\[Link\]](#)
rekeyAlertDays (optional)
[Integer](#) format: int32
rekeyAlertEnabled (optional)
[Boolean](#)
tenant (optional)
[Tenant](#)
updateAlertEnabled (optional)
[Boolean](#)
uploadAlertEnabled (optional)
[Boolean](#)

ResourceOfIbmRotationChain - ResourceOfIbmRotationChain

[Up](#)

id
[String](#)
links (optional)
[array\[Link\]](#)
logs (optional)
[array\[IbmRotationLog\]](#)
sourceKeyIds (optional)
[array\[String\]](#)

ResourceOfIbmSchedule - ResourceOfIbmSchedule

[Up](#)

applyOnExpiration (optional)
[Boolean](#)
createdAt
[Long](#) format: int64
createdBy (optional)
[String](#)
cron (optional)
[String](#)
description (optional)
[String](#)
fixedRateSchedule (optional)
[Boolean](#)
humanReadableCron (optional)
[String](#)
id
[String](#)
interval (optional)
[Integer](#) format: int32
intervalKeyExpiration (optional)
[Integer](#) format: int32
intervalUnit (optional)
[String](#)
Enum:
Hour
Day
Week
Month
Year
None
intervalUnitKeyExpiration (optional)
[String](#)
Enum:
Hour
Day
Week
Month
Year
None
jobType (optional)
[String](#)
Enum:
KEY_ROTATION
KEY_SYNCHRONIZATION

KEY_EXPIRATION

links (optional)
[array\[Link\]](#)
modifiedAt
[Long](#) format: int64
modifiedBy (optional)
[String](#)
name (optional)
[String](#)
pause (optional)
[Boolean](#)
startDate
[Long](#) format: int64
tenant (optional)
[Tenant](#)
username (optional)
[String](#)

ResourceOfKeyVaultKey - ResourceOfKeyVaultKey

[Up](#)

algorithm (optional)
[String](#)
allTenant (optional)
[Boolean](#)
blob (optional)
[String](#)
blobUUID (optional)
[String](#)
cckmId (optional)
[String](#)
certificate (optional)
[String](#)
createdAt
[Long](#) format: int64
createdBy (optional)
[String](#)
deleted (optional)
[Boolean](#)
description (optional)
[String](#)
hashType (optional)
[String](#)
id
[String](#)
iv (optional)
[String](#)
keyFormat (optional)
[String](#)
Enum:
JWE
NONE
keyId (optional)
[String](#)
keySource (optional)
[String](#)
Enum:
KMaaS
Salesforce
Azure
Remote
GoogleCloud
links (optional)
[array\[Link\]](#)
modifiedAt
[Long](#) format: int64
modifiedBy (optional)
[String](#)
nShieldKeyBlob (optional)
[String](#)
name (optional)
[String](#)
nonce (optional)
[String](#)
privateKey (optional)
[Key](#)
protected (optional)
[Boolean](#)
provider (optional)
[String](#)
Enum:
DSM
DB
nShield
KeySecure
publicKey (optional)
[Key](#)
requestId (optional)
[String](#)
restrictDeletion (optional)
[Boolean](#)

secretKey (optional)
[Key](#)
service (optional)
[String](#)
Enum:
 NONE
 Salesforce
 SalesforceSandbox
 Azure
 AWS
 AzureGermany
 AzureChina
 AzureStack
 AzureStackAdmin
 AzureGovernment
 IBM
 GoogleCloud
serviceKeyPage (optional)
[PageOfServiceKey](#)
sourceKeyTier (optional)
[String](#)
tenant (optional)
[Tenant](#)

ResourceOfOptionalOfAzureKey - ResourceOfOptionalOfAzureKey [Up](#)

links (optional)
[array\[Link\]](#)
present (optional)
[Boolean](#)

ResourceOfOptionalOfGoogleCloudKey - ResourceOfOptionalOfGoogleCloudKey [Up](#)

links (optional)
[array\[Link\]](#)
present (optional)
[Boolean](#)

ResourceOfOptionalOfIbmRotationChain - ResourceOfOptionalOfIbmRotationChain [Up](#)

links (optional)
[array\[Link\]](#)
present (optional)
[Boolean](#)

ResourceOfOptionalOfListOfReport - ResourceOfOptionalOfListOfReport [Up](#)

links (optional)
[array\[Link\]](#)
present (optional)
[Boolean](#)

ResourceOfOptionalOfReport - ResourceOfOptionalOfReport [Up](#)

links (optional)
[array\[Link\]](#)
present (optional)
[Boolean](#)

ResourceOfOptionalOfSalesforceKey - ResourceOfOptionalOfSalesforceKey [Up](#)

links (optional)
[array\[Link\]](#)
present (optional)
[Boolean](#)

ResourceOfOptionalOfSalesforceNamedCredential - ResourceOfOptionalOfSalesforceNamedCredential [Up](#)

links (optional)
[array\[Link\]](#)
present (optional)
[Boolean](#)

ResourceOfPageOfAzureKey - ResourceOfPageOfAzureKey [Up](#)

content (optional)
[array\[AzureKey\]](#)
first (optional)
[Boolean](#)
last (optional)
[Boolean](#)
links (optional)
[array\[Link\]](#)
number (optional)
[Integer](#) format: int32
numberOfElements (optional)
[Integer](#) format: int32
size (optional)
[Integer](#) format: int32
sort (optional)
[Sort](#)

totalElements (optional)
[Long](#) format: int64
totalPages (optional)
[Integer](#) format: int32

ResourceOfPageOfSalesforceKey - ResourceOfPageOfSalesforceKey

[Up](#)

content (optional)
[array\[SalesforceKey\]](#)
first (optional)
[Boolean](#)
last (optional)
[Boolean](#)
links (optional)
[array\[Link\]](#)
number (optional)
[Integer](#) format: int32
numberOfElements (optional)
[Integer](#) format: int32
size (optional)
[Integer](#) format: int32
sort (optional)
[Sort](#)
totalElements (optional)
[Long](#) format: int64
totalPages (optional)
[Integer](#) format: int32

ResourceOfReport - ResourceOfReport

[Up](#)

createdAt
[Long](#) format: int64
createdBy (optional)
[String](#)
csp (optional)
[String](#)
 Enum:
 aws
 azure
 salesforce
 ibm
 googleCloud
from
[Long](#) format: int64
id
[String](#)
links (optional)
[array\[Link\]](#)
logDnalInstance (optional)
[IbmLogDnalInstance](#)
modifiedAt
[Long](#) format: int64
modifiedBy (optional)
[String](#)
name (optional)
[String](#)
status (optional)
[String](#)
 Enum:
 REQUESTED
 READY
 FAILED
tenant (optional)
[Tenant](#)
to
[Long](#) format: int64
type (optional)
[String](#)
 Enum:
 KEY_360_RECONCILIATION
 KEY_ACTIVITY
 KEY_AGING
 KEY_SERVICE_USAGE
 USER_ACTIVITY

ResourceOfSalesForceKey - ResourceOfSalesforceKey

[Up](#)

availableInKeyVault (optional)
[Boolean](#)
backup (optional)
[KeyVaultKey](#)
createdAt
[Long](#) format: int64
createdBy (optional)
[String](#)
description (optional)
[String](#)
displayOrder (optional)
[Integer](#) format: int32
id
[String](#)

keyDerivationMode (optional)

[String](#)

keyMaterialOrigin (optional)

[String](#)

keyType (optional)

[String](#)

Enum:

AES256
RSA2048
RSA4096
RSA3072
ECP256
ECP384
ECP521
ECSECP256K1

links (optional)

[array\[Link\]](#)

modifiedAt

[Long](#) format: int64

modifiedBy (optional)

[String](#)

name (optional)

[String](#)

originalKey (optional)

[KeyVaultKey](#)

remoteKeyCertificate (optional)

[String](#)

remoteKeyIdentifier (optional)

[String](#)

remoteKeyServiceId (optional)

[String](#)

source (optional)

[String](#)

Enum:

KMaaS
Salesforce
Azure
Remote
GoogleCloud

status (optional)

[String](#)

Enum:

CREATED
UPLOADED
EXPORTED
ALREADY_DESTROYED
FETCHED

syncedAt

[Long](#) format: int64

tenant (optional)

[Tenant](#)

tenantSecret (optional)

[SalesforceTenantSecret](#)

type (optional)

[String](#)

Enum:

Data
SearchIndex
DeterministicData
EventBus
Analytics
None

uploadedAt

[Long](#) format: int64

uploadedBy (optional)

[String](#)

uploadedFrom (optional)

[String](#)

uploadedToSalesforceBy (optional)

[String](#)

ResourceOfSalesforceNamedCredential - ResourceOfSalesforceNamedCredential

[Up](#)

DeveloperName (optional)

[String](#)

Endpoint (optional)

[String](#)

MasterLabel (optional)

[String](#)

authorizationHeader (optional)

[String](#)

createdAt

[Long](#) format: int64

createdBy (optional)

[String](#)

id

[String](#)

links (optional)

[array\[Link\]](#)

modifiedAt

[Long](#) format: int64

modifiedBy (optional)

[String](#)

password (optional)
[String](#)
ref (optional)
[Integer](#) format: int32
serviceld (optional)
[String](#)
tenant (optional)
[Tenant](#)
username (optional)
[String](#)

ResourceOfSalesforceSchedule - ResourceOfSalesforceSchedule

[Up](#)

applyOnExpiration (optional)
[Boolean](#)
createdAt
[Long](#) format: int64
createdBy (optional)
[String](#)
cron (optional)
[String](#)
description (optional)
[String](#)
fixedRateSchedule (optional)
[Boolean](#)
humanReadableCron (optional)
[String](#)
id
[String](#)
interval (optional)
[Integer](#) format: int32
intervalKeyExpiration (optional)
[Integer](#) format: int32
intervalUnit (optional)
[String](#)
Enum:
Hour
Day
Week
Month
Year
None
intervalUnitKeyExpiration (optional)
[String](#)
Enum:
Hour
Day
Week
Month
Year
None
jobType (optional)
[String](#)
Enum:
KEY_ROTATION
KEY_SYNCHRONIZATION
KEY_EXPIRATION
links (optional)
[array\[Link\]](#)
modifiedAt
[Long](#) format: int64
modifiedBy (optional)
[String](#)
name (optional)
[String](#)
pause (optional)
[Boolean](#)
startDate
[Long](#) format: int64
tenant (optional)
[Tenant](#)
typesMap (optional)
[map\[String, TypeAutoRotateData\]](#)
username (optional)
[String](#)

ResourceOfScheduleLog - ResourceOfScheduleLog

[Up](#)

date (optional)
[Date](#) format: date-time
links (optional)
[array\[Link\]](#)
name (optional)
[String](#)
server (optional)
[String](#)
username (optional)
[String](#)

ResourceOfSourceKeyManagementData - ResourceOfSourceKeyManagementData

[Up](#)

<p>allowSourceKeyDelete (optional) Boolean</p> <p>id (optional) ObjectId</p> <p>links (optional) array[Link]</p>	
ResourceOfTenant - ResourceOfTenant	Up
<p>cloudService (optional) String</p> <p>createdAt Long format: int64</p> <p>createdBy (optional) String</p> <p>id String</p> <p>links (optional) array[Link]</p> <p>modifiedAt Long format: int64</p> <p>modifiedBy (optional) String</p> <p>name (optional) String</p>	
ResourceSupport - ResourceSupport	Up
<p>links (optional) array[Link]</p>	
ResourcesOfAwsKey - ResourcesOfAwsKey	Up
Resources of AwsKey	
<p>_embedded EmbeddedCollectionOfAwsKey</p> <p>_links map[String, Link] Link collection</p>	
ResourcesOfAwsSchedule - ResourcesOfAwsSchedule	Up
Resources of AwsSchedule	
<p>_embedded EmbeddedCollectionOfAwsSchedule</p> <p>_links map[String, Link] Link collection</p>	
ResourcesOfAzureKey - ResourcesOfAzureKey	Up
Resources of AzureKey	
<p>_embedded EmbeddedCollectionOfAzureKey</p> <p>_links map[String, Link] Link collection</p>	
ResourcesOfAzureSchedule - ResourcesOfAzureSchedule	Up
Resources of AzureSchedule	
<p>_embedded EmbeddedCollectionOfAzureSchedule</p> <p>_links map[String, Link] Link collection</p>	
ResourcesOfAzureServicePrincipal - ResourcesOfAzureServicePrincipal	Up
Resources of AzureServicePrincipal	
<p>_embedded EmbeddedCollectionOfAzureServicePrincipal</p> <p>_links map[String, Link] Link collection</p>	
ResourcesOfCloudAccount - ResourcesOfCloudAccount	Up
Resources of CloudAccount	
<p>_embedded EmbeddedCollectionOfCloudAccount</p> <p>_links map[String, Link] Link collection</p>	
ResourcesOfGoogleCloudKey - ResourcesOfGoogleCloudKey	Up
Resources of GoogleCloudKey	
<p>_embedded EmbeddedCollectionOfGoogleCloudKey</p> <p>_links map[String, Link] Link collection</p>	
ResourcesOfGoogleCloudRefreshToken - ResourcesOfGoogleCloudRefreshToken	Up
Resources of GoogleCloudRefreshToken	

<div> <div>_embedded</div> <div>EmbeddedCollectionOfGoogleCloudRefreshToken</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfGoogleCloudSchedule - ResourcesOfGoogleCloudSchedule	Up
Resources of GoogleCloudSchedule	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfGoogleCloudSchedule</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfGoogleCloudTenant - ResourcesOfGoogleCloudTenant	Up
Resources of GoogleCloudTenant	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfGoogleCloudTenant</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfGoogleCloudUser - ResourcesOfGoogleCloudUser	Up
Resources of GoogleCloudUser	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfGoogleCloudUser</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfIbmKey - ResourcesOfIbmKey	Up
Resources of IbmKey	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfIbmKey</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfIbmKeySetting - ResourcesOfIbmKeySetting	Up
Resources of IbmKeySetting	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfIbmKeySetting</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfIbmRotationChain - ResourcesOfIbmRotationChain	Up
Resources of IbmRotationChain	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfIbmRotationChain</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfIbmSchedule - ResourcesOfIbmSchedule	Up
Resources of IbmSchedule	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfIbmSchedule</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfReport - ResourcesOfReport	Up
Resources of Report	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfReport</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfSalesforceKey - ResourcesOfSalesforceKey	Up
Resources of SalesforceKey	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfSalesforceKey</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfSalesforceNamedCredential - ResourcesOfSalesforceNamedCredential	Up
Resources of SalesforceNamedCredential	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfSalesforceNamedCredential</div> </div> <div> <div>_links</div> <div>map[String, Link] Link collection</div> </div>	
ResourcesOfSalesforceSchedule - ResourcesOfSalesforceSchedule	Up
Resources of SalesforceSchedule	
<div> <div>_embedded</div> <div>EmbeddedCollectionOfSalesforceSchedule</div> </div> <div> <div>_links</div> <div></div> </div>	

[map\[String, Link\]](#) Link collection

ResourcesOfScheduleLog - ResourcesOfScheduleLog

[Up](#)

Resources of ScheduleLog

[_embedded](#)
[EmbeddedCollectionOfScheduleLog](#)
[_links](#)
[map\[String, Link\]](#) Link collection

ResourcesOfSourceKeyManagementData - ResourcesOfSourceKeyManagementData

[Up](#)

Resources of SourceKeyManagementData

[_embedded](#)
[EmbeddedCollectionOfSourceKeyManagementData](#)
[_links](#)
[map\[String, Link\]](#) Link collection

ResponseEntity - ResponseEntity

[Up](#)

body (optional)
[Object](#)
statusCode (optional)
[String](#)

- Enum:
- 100
 - 101
 - 102
 - 103
 - 200
 - 201
 - 202
 - 203
 - 204
 - 205
 - 206
 - 207
 - 208
 - 226
 - 300
 - 301
 - 302
 - 303
 - 304
 - 305
 - 307
 - 308
 - 400
 - 401
 - 402
 - 403
 - 404
 - 405
 - 406
 - 407
 - 408
 - 409
 - 410
 - 411
 - 412
 - 413
 - 414
 - 415
 - 416
 - 417
 - 418
 - 419
 - 420
 - 421
 - 422
 - 423
 - 424
 - 426
 - 428
 - 429
 - 431
 - 451
 - 500
 - 501
 - 502
 - 503
 - 504
 - 505
 - 506
 - 507
 - 508
 - 509
 - 510
 - 511

statusCodeValue (optional)
[Integer](#) format: int32

RotateKeyRequestData - RotateKeyRequestData

[Up](#)

ibmKeyId (optional)
[String](#)
sourceKeyId (optional)
[String](#)

SalesforceKey - SalesforceKey

[Up](#)

availableInKeyVault (optional)

[Boolean](#)

backup (optional)

[KeyVaultKey](#)

createdAt

[Long](#) format: int64

createdBy (optional)

[String](#)

description (optional)

[String](#)

displayOrder (optional)

[Integer](#) format: int32

id

[String](#)

keyDerivationMode (optional)

[String](#)

keyMaterialOrigin (optional)

[String](#)

keyType (optional)

[String](#)

Enum:

AES256

RSA2048

RSA4096

RSA3072

ECP256

ECP384

ECP521

ECSECP256K1

modifiedAt

[Long](#) format: int64

modifiedBy (optional)

[String](#)

name (optional)

[String](#)

originalKey (optional)

[KeyVaultKey](#)

remoteKeyCertificate (optional)

[String](#)

remoteKeyIdentifier (optional)

[String](#)

remoteKeyServiceId (optional)

[String](#)

source (optional)

[String](#)

Enum:

KMaaS

Salesforce

Azure

Remote

GoogleCloud

status (optional)

[String](#)

Enum:

CREATED

UPLOADED

EXPORTED

ALREADY_DESTROYED

FETCHED

syncedAt

[Long](#) format: int64

tenant (optional)

[Tenant](#)

tenantSecret (optional)

[SalesforceTenantSecret](#)

type (optional)

[String](#)

Enum:

Data

SearchIndex

DeterministicData

EventBus

Analytics

None

uploadedAt

[Long](#) format: int64

uploadedBy (optional)

[String](#)

uploadedFrom (optional)

[String](#)

uploadedToSalesforceBy (optional)

[String](#)

SalesforceNamedCredential - SalesforceNamedCredential

Up

DeveloperName (optional)

[String](#)

Endpoint (optional)

[String](#)

MasterLabel (optional)

[String](#)

authorizationHeader (optional)

[String](#)

createdAt

[Long](#) format: int64
createdBy (optional)
[String](#)
id
[String](#)
modifiedAt
[Long](#) format: int64
modifiedBy (optional)
[String](#)
password (optional)
[String](#)
ref (optional)
[Integer](#) format: int32
serviceId (optional)
[String](#)
tenant (optional)
[Tenant](#)
username (optional)
[String](#)

SalesforceSchedule - SalesforceSchedule

[Up](#)

applyOnExpiration (optional)
[Boolean](#)
createdAt
[Long](#) format: int64
createdBy (optional)
[String](#)
cron (optional)
[String](#)
description (optional)
[String](#)
fixedRateSchedule (optional)
[Boolean](#)
humanReadableCron (optional)
[String](#)
id
[String](#)
interval (optional)
[Integer](#) format: int32
intervalKeyExpiration (optional)
[Integer](#) format: int32
intervalUnit (optional)
[String](#)
Enum:
Hour
Day
Week
Month
Year
None
intervalUnitKeyExpiration (optional)
[String](#)
Enum:
Hour
Day
Week
Month
Year
None
jobType (optional)
[String](#)
Enum:
KEY_ROTATION
KEY_SYNCHRONIZATION
KEY_EXPIRATION
modifiedAt
[Long](#) format: int64
modifiedBy (optional)
[String](#)
name (optional)
[String](#)
password (optional)
[String](#)
pause (optional)
[Boolean](#)
startDate
[Long](#) format: int64
tenant (optional)
[Tenant](#)
typesMap (optional)
[map\[String, TypeAutoRotateData\]](#)
username (optional)
[String](#)

SalesforceScheduleOutput - SalesforceScheduleOutput

[Up](#)

id (optional)
[String](#)
schedule (optional)
[SalesforceSchedule](#)

CreatedById (optional)
[String](#)

Description (optional)
[String](#)

Id (optional)
[String](#)

IsDeleted (optional)
[Boolean](#)

KeyDerivationMode (optional)
[String](#)

LastModifiedById (optional)
[String](#)

LastModifiedByUsername (optional)
[String](#)

LastModifiedDate
[Long](#) format: int64

RemoteKeyCertificate (optional)
[String](#)

RemoteKeyIdentifier (optional)
[String](#)

RemoteKeyServiceId (optional)
[String](#)

SecretValueCertificate (optional)
[String](#)

SecretValueHash (optional)
[String](#)

Source (optional)
[String](#)

SystemModstamp
[Long](#) format: int64

Type (optional)
[String](#)

attributes (optional)
[Attribute](#)

createdByUsername (optional)
[String](#)

createdDate
[Long](#) format: int64

keyvaultName (optional)
[String](#)

status (optional)
[String](#)

Enum:
ACTIVE
ARCHIVED
DESTROYED

version (optional)
[Integer](#) format: int32

ScheduleLog - ScheduleLog

date (optional)
[Date](#) format: date-time

name (optional)
[String](#)

server (optional)
[String](#)

username (optional)
[String](#)

ServiceKey - ServiceKey

availableInKeyVault (optional)
[Boolean](#)

backup (optional)
[KeyVaultKey](#)

createdAt
[Long](#) format: int64

createdBy (optional)
[String](#)

id
[String](#)

keyType (optional)
[String](#)

Enum:
AES256
RSA2048
RSA4096
RSA3072
ECP256
ECP384
ECP521
ECSECP256K1

modifiedAt
[Long](#) format: int64

modifiedBy (optional)
[String](#)

<p>name (optional) String</p> <p>originalKey (optional) KeyVaultKey</p> <p>source (optional) String</p> <p>Enum: <i>KMaaS</i> <i>Salesforce</i> <i>Azure</i> <i>Remote</i> <i>GoogleCloud</i></p> <p>status (optional) String</p> <p>Enum: <i>CREATED</i> <i>UPLOADED</i> <i>EXPORTED</i> <i>ALREADY_DESTROYED</i> <i>FETCHED</i></p> <p>syncedAt Long format: int64</p> <p>tenant (optional) Tenant</p> <p>uploadedAt Long format: int64</p> <p>uploadedBy (optional) String</p>	
<p>SessionData - SessionData</p> <p>accessToken (optional) OAuth2AccessToken</p> <p>auth (optional) Authentication</p> <p>cloudService (optional) String</p> <p>id (optional) String</p> <p>tenant (optional) Tenant</p> <p>user (optional) User</p>	Up
<p>Sku - Sku</p> <p>family (optional) String</p> <p>name (optional) String</p>	Up
<p>Sort - Sort</p>	Up
<p>SourceKeyManagementData - SourceKeyManagementData</p> <p>allowSourceKeyDelete (optional) Boolean</p> <p>id (optional) Objectid</p>	Up
<p>SystemInfo - SystemInfo</p> <p>build (optional) String</p> <p>buildNumber (optional) String</p> <p>major (optional) String</p> <p>minor (optional) String</p> <p>patch (optional) String</p> <p>version (optional) String</p>	Up
<p>Tag - Tag</p> <p>tagKey (optional) String</p> <p>tagValue (optional) String</p>	Up
<p>Tenant - Tenant</p> <p>cloudService (optional) String</p> <p>createdAt Long format: int64</p> <p>createdBy (optional)</p>	Up

[String](#)

id

[String](#)

modifiedAt

[Long](#) format: int64

modifiedBy (optional)

[String](#)

name (optional)

[String](#)

ToggleAutoRotateData - ToggleAutoRotateData

[Up](#)

certificateName (optional)

[String](#)

enable (optional)

[Boolean](#)

keyDerivationMode (optional)

[String](#)

newScheduleId (optional)

[String](#)

type (optional)

[String](#)

Enum:

Data

SearchIndex

DeterministicData

EventBus

Analytics

None

TypeAutoRotateData - TypeAutoRotateData

[Up](#)

certificateName (optional)

[String](#)

keyDerivationMode (optional)

[String](#)

UpdateKeyPolicyRequestData - UpdateKeyPolicyRequestData

[Up](#)

keyId (optional)

[String](#)

newKeyPolicy (optional)

[String](#)

region (optional)

[String](#)

UpdateKeyRequestData - UpdateKeyRequestData

[Up](#)

addAliases (optional)

[array\[String\]](#)

addTags (optional)

[map\[String, String\]](#)

description (optional)

[String](#)

enable (optional)

[Boolean](#)

keyId (optional)

[String](#)

region (optional)

[String](#)

removeAliases (optional)

[array\[String\]](#)

removeTags (optional)

[map\[String, String\]](#)

UpdateRequestData - UpdateRequestData

[Up](#)

password (optional)

[String](#)

rotateKey (optional)

[Boolean](#)

UploadKeyRequestData - UploadKeyRequestData

[Up](#)

addTags (optional)

[map\[String, String\]](#)

aliasName (optional)

[String](#)

allowedExternalAccounts (optional)

[array\[String\]](#)

awsKeyId (optional)

[String](#)

description (optional)

[String](#)

region (optional)

[String](#)

sourceKeyId (optional)

[String](#)

validTo (optional)

[Long](#) format: int64

User - User

[Up](#)

- cckmld (optional)
[String](#)
- createdAt
[Long](#) format: int64
- createdBy (optional)
[String](#)
- id
[String](#)
- is_first_login (optional)
[Boolean](#)
- modifiedAt
[Long](#) format: int64
- modifiedBy (optional)
[String](#)
- name (optional)
[String](#)
- sessionId (optional)
[String](#)
- tenant (optional)
[Tenant](#)
- tenantDisplayName (optional)
[String](#)

VerifyAliasData - VerifyAliasData

[Up](#)

- alias (optional)
[String](#)
- region (optional)
[String](#)