

# 7.4.0 Transfer Of Information #IntelligentSIEM

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### Announcements

### M5 firmware update 5.0.0

Resolves several security issues (CVEs) and includes updates for IMM, uEFI, RAID controllers, and disk firmware. For the latest, see **https://ibm.biz/qradarfirmware**.

### **QRadar Risk Manager new adapter bundle**

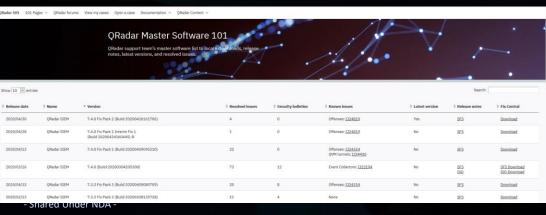
Cisco ASA version support increased to 9.13, Cisco ASA FQDN rule support, Cisco IOS version support increased to 16, Cisco IOS IPv6 object support, Check Point HTTPS ICMP and Other service support

### Microsoft Graph Security API protocol

New protocol for Microsoft Graph Security alert event collection.

### **QRadar 101 content**

Coming soon. A new QRadar Software Master page and an Application troubleshooting page.



### QRadar Focus in 2020

Enable customers to accurately and efficiently detect and manage threats to help mitigate the risk of data exposure and business disruption.



Provide advanced analytics to accurately detect critical threats against users, networks, systems and applications.



Streamline workflows to help analysts make faster, well-informed escalations decisions.



Improve operational efficiency by providing tools to more easily ingest data and better manage the system.

Support customers as they modernize their IT environments and increasingly adopt cloud and containerized environments.

### Key Themes Delivered in QRadar 7.4



# Operational efficiency & ease of management

App multi-tenancy Out-of-the-box apps Simplified log source configuration Flexible deployment for QNI Easily configurable Disaster <u>Recovery</u>



# Improved usability and visualizations

New dashboard chart types Share dashboard with other users Drill down from dashboards into workflows Automatically investigate certain offenses

# PLATFORM UPDATES

### Invest In The Core

#### What's New

- Upgraded to RedHat 7.6
- Customizable Offense email template
- Dynamic Search API
  - Perform advanced queries using a selection of fields available in the Offenses Rest API
  - Offense related searches possible in the Dynamic Search API
    - Show me all Offenses per Attacker
    - Show me all Networks with more than X Offenses

### New Email Management User Interface

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Description

Google Email Server

Yahoo mail server

#### What's New

- Authenticated SMTP
  - Easily add Authenticated Email servers and send encrypted emails with the new Email Management UI

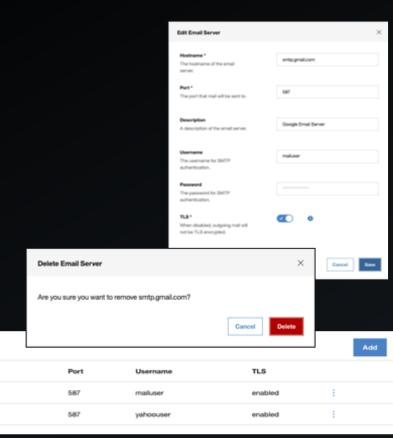
smtp

Hostname

smtp.gmail.com

smtp.yahoo.com

- With the new Email Management UI, you can:
  - Search Email Servers
  - Add/Edit Email Servers
  - Delete Email Servers



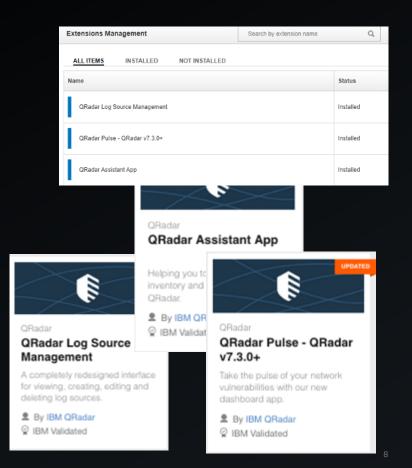
### Major App Enhancements in 7.4.0!

New Multi-Tenanted Application Framework

- Enable MSSPs to run apps for multiple customers in multi-tenanted environments
- Run with one instance per security profile so that all data goes through separated instances of this app

### Out-Of-The-Box Apps

 Log Source Management App, Pulse, Assistant App are now out of the box

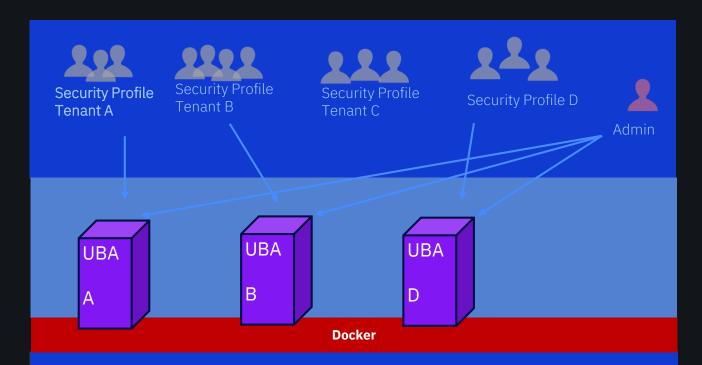


### Architecture (Simplified)

Secure by design. Data safety is handled through existing QRadar Security Profiles.

Each app "instance" is attached to an existing security profile ensuring data segregation at QRadar API level.

App developers do not have to handle to handle the complexity of apps which are safely isolated one another.





Offenses

Dashboard

Log Activity

Network Activity

Assets

Reports

Risks

Vulnerabilities

Admin

User Analytics

#### IBM QRadar Assistant Applications Home O, Search Installed Extensions Filter By Status (3) Number of ID Total Memory Installed By Install Date Name Status Version Options Instances Failed to Install User Behavior Analytics Running 3.6.0 Apr 28, 2020 ••• 9 1 1000 MB qaa Error / Stopped Running QRadar Assistant App 600 MB 8 Running 999.0.0 admin Apr 18, 2020 1 ... Installed Content ID Name Memory Installed By Options Status Version Install Date

No item to display

#### **Custom Applications**

ID	Name	Status	Version	Memory	Installed By	Install Date	Options
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# DATA MANAGEMENT

### Additional Structured Data Support

#### What's New

- Ability to easily configure custom parsing for unsupported products
- No regular expressions required when customizing parsing for well structured event data
- Custom Property autodetection is possible for XML formatted events from DSMs such as McAfee EPo, Microsoft Windows Security Event Logs, Microsoft Azure

#### **Target Audience**

• Anyone who utilizes the DSM Editor and Custom Properties to customize parsing

Property Expression Definition					
Enabled:					
Category:	3Com 8800 Series All Please browse for ar High Level Category Low Level Category	Any +	×		
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		1	Enable Properties for us Search Indexing Newly detected properties for use in rules and search	s are made available	ing Profiles and

### Normalized Event Model Updates

### What's New

- Customers can now filter, and search traffic based on the Event Collector
- Easily diagnose why a given event was forwarded to storage with the new Stored For Performance field

### Benefits

- Leverage the new Normalized Event fields in Ariel to define AQL properties, Searches, event filtering, etc.
- Quickly identify event pipeline performance degradations

Event Collector	7
Qid Event Id	APISuccess
Qid Event Category	ActionRestAPI
Log Source Identifier	null
Truncated	False
Stored For Performance	False

### Content Management Export API

#### What's New

- Expanded the support of the new CMT allow exporting of Custom Rules, Custom Searches, Reports, and it's required dependencies
- Embedded custom filters into the API requests allows users to naturally export the defined content

### Target Audience

 Anyone that frequently migrate Rule/Report/Search data from one environment to another

LOG SOURCE TYPES. LOG SOURCES. CUSTOM PROPERTIES. REGEX EXPRESSIONS. LEEF EXPRESSIONS. CEF EXPRESSIONS. JSON EXPRESSIONS. GENERIC LIST EXPRESSIONS, NAME VALUE PAIR EXPRESSIONS. XML EXPRESSIONS. AQL PROPERTIES. CALCULATED PROPERTIES, LOG SOURCE EXTENSIONS, QID RECORDS, CUSTOM RULES, REFERENCE\_DATA, FGROUPS, SAVED EVENT FLOW SEARCHES, REPORTS>".

## **QRADAR NETWORK INSIGHTS**

### Software QRadar Network Insight (QNI) Installations

#### **Benefits**

- Install Software version of QNI on:
- Your own hardware with a Napatech NT40E3 network interface card (maximum 1 per host)
- Your own hardware with Intel x520 or x710 network interface cards
- A virtual machine
- Software QNI installations should be installed with the 6500 Appliance ID activation.
- For software QNI installations, the minimum recommended specifications should match the QNI 1901/1910 hardware requirements included for reference here

### QNI Flow Sources and Interfaces

#### What's New

- New Flow Source and Flow Interface columns on each flow record can be mapped to domains to better support multi-tenancy for QNI customers
- Flow Source represents the hostname of the managed host receiving the flows
- Flow Interface represents the network interface on the managed host which received the flows.

Add Flow Source		0
Build from existing flow	v source	
Flow Source Details		
Flow Source Name	new_ens3f0_interface	
Target Flow Collector	qni102 :: qnihw1 🔶	
Flow Source Type	Network Interface \$	
Network Interface Configu	ration	
Flow Interface	ens3f0 ¢	
		Save Cancel

Application A	Source Bytes	Destination Bytes	Source Packets	Destination Packets	ICMP Type/Code	Flow Source	Flow Interface
DHCP.IPv6	156 (C)	0	1	0	N/A	shortblack	shortblack:eno2
DHCP.IPv6	483 (C)	0	3	0	N/A	shortblack	shortblack:napatech0
FileTransfer.NETBIOS	100 (C)	0	1	0	N/A	shortblack	shortblack:eno2
FileTransfer.NETBIOS	288 (C)	0	3	0	N/A	shortblack	shortblack:napatech0
FileTransfer.NETBIOS	100 (C)	0	1	0	N/A	shortblack	shortblack:eno2

### QNI Flow Source Domain Management

### Benefits

- Use Flow Sources to most effectively map QNI hosts to Domains to achieve multitenancy
- Use Flow Interfaces to segregate traffic on shared software hosts. Note that when overlapping IPs are present, this is less effective
- Multiple Flow Collectors or VLAN tags allow for segregation of different domains that have overlapping IP addresses

New Domain	
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### **BitTorrent Traffic Inspection**

### Introducing a new inspector for QNI and QIF to provide better insights

• Results in better identification of BitTorrent traffic, especially in environments where the client is using UDP with the uTorrent transfer protocol

The new inspection will collate:

- Summary information about the connection itself including number of messages and session duration
- Metadata about the peers and the torrent file itself
- New "BitTorrent Handshake verification failure"
   suspect content description

This document was capt	tured at Apr 10 2019 21:14:43	
<ul> <li>It was part of a BitTorre</li> </ul>	int (tcp) session that started at Apr 10 2019 21:14:39	
The Server was at	(MAC: ) on port 45004.	
The Client was at	(MAC ) on port 51802.	
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# QRADAR VULNERABILITY MANAGER

### QRadar Vulnerability Manager

Se	arch * Quick Search	hes 👻 📕 Save Search Criteria	Actions * Quick	Search Q
Man	age Vulnerabilities > By	Vulnerability Instances	<ul> <li>Print</li> <li>Export to XML</li> </ul>	
Vulr	nerability Instances (I	No Search Parameters)	Export to CSV Exception Assign/Edit	tances \$
	IP Address	Asset Name	Vulnerability	
•	10.100.85.197	WIN-GHKA86BP4CH	Netbios - Users Who Har	we not changed their Password in the Last 60 Days
•	10.100.85.197	WIN-GHKA86BP4CH	SMB V1 Detected	
•	10.100.85.165	WINDOWS-2012R2	CVE-2015-1710 - MS15	043 - Microsoft - Internet Explorer - Code Execution Is

#### Vulnerability Exceptions and Assignment

- Conveniently assign and exception multiple vulnerabilities at the same time
- Ability to identify false positives and compare vulnerability results against multiple scanners

#### **Controversial Vulnerabilities**

 Easily filter by "Not found by Scanner" to identify vulnerabilities found by QVM Scanner

Not Found By Scanner	Equals	Axis Scanner \$	Add Filter
Current Filters		has	
Found By Scanner Equals gvm			
Not Found By Scanner Equals Axis Sca	anner		

# WHAT'S NEW – QRADAR APPS

### QRadar Advisor with Watson 2.5.2

#### What's New

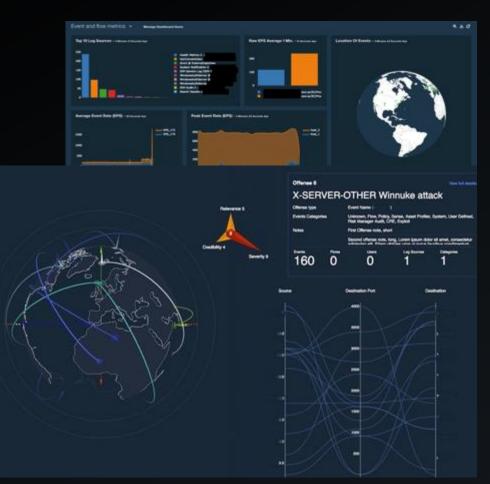
- Automatically investigate offenses that are suggested by Watson
- Map QRadar offense closing reasons to the suggested AI priority evaluation choices
- Support for custom SSL certificate validation with a transparent proxy

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Critical		n			Yes	4	Initial Access	C	High
Ortical	-				Yes	2	Execution	C	Low
Annes		1					Persistence	0	High

### QRadar Pulse 2.2.2

#### What's New

- Share a dashboard with other QRadar
   Pulse users by sending a dashboard link
- Filter dashboards by type
- Drill down in pie charts and bar charts
- Show stacked area chart for time series
- Add a scatter chart
- Display 0 in big number charts for AQL data sources when no data is returned
- View column names in pie chart hover text
- Threat Globe now supports IPv6



### New easy-to-setup Disaster Recovery

### New simplified DR with intuitive app UI

- Setup DR configurations and map Primary to DR hosts via the UI
- 1:1 mapping for Console, EPs, FPs, and DNs; v1 data only.
- Visualize the full Primary and DR deployments to understand mappings
- Easily configure data and configuration syncs (default 1 min, 24 hrs respectively)
- Customers can optionally run large searches on DR site to protect primary

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Q2 2020

### Use Case Manager

### Leverage MITRE ATT&CK framework to manage and plan use cases

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Technique

- Visually understand your ability to detect tactics and techniques across the attack chain
- Use new insights to prioritize the rollout of new use cases and apps to effectively strengthen your security posture

#### Built-in analysis of rules

- Identify top firing rules and top offense generating rules
- Gain in-app tuning recommendations unique to your environment
- Easily update network hierarchy, building blocks and server discovery and based on recommendations

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### Log Source Management App v6

#### What's New:

Ability to edit the parameters of all of your log sources at the same time.

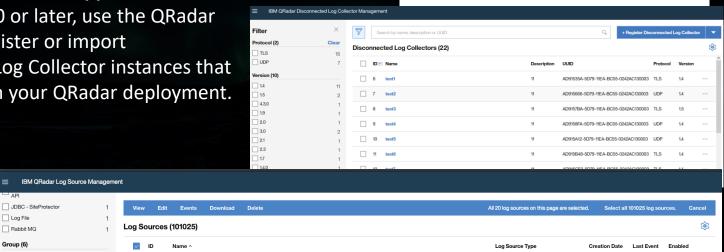
#### **Disconnected Log Collector App**

In QRadar 7.4.0 or later, use the QRadar  $\circ$ LSM app to register or import Disconnected Log Collector instances that are installed on your QRadar deployment.

API

Log File

Rabbit MQ Group (6)



#### **NEW! Q2 2020**

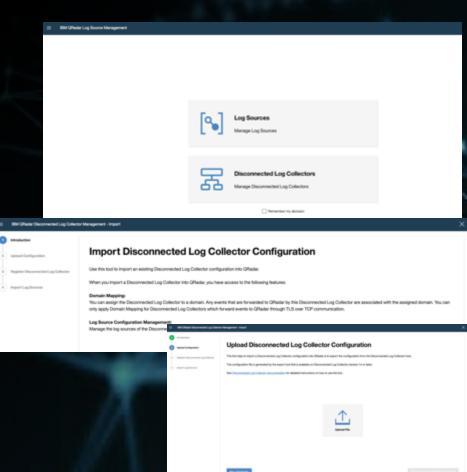
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Log Sources

onnected Log Collector

### Disconnected Log Collector App

- Use Log Source Management app to register or import Disconnected Log Collector instances that are installed in your environment
- Easily manage the log sources of the DLC with the QRadar Log Source Management app (Available in DLC v1.4+)
- Conveniently assign the Disconnected Log Collector instance to a domain
  - Any events that are forwarded to QRadar by this Disconnected Log Collector instance are associated with the assigned domain
  - You can only apply Domain Mapping for Disconnected Log Collector instances that forward events to QRadar through TLS over TCP communication.



**NEW! Q2 2020** 

### QRadar Assistant App v3.0.0

- Manage applications and restart them through a user interface
- New RSS feed for the QRadar Support Forums.
- New more helpful links for important QRadar content.

#### NEW! Q2 2020

#### IBM QRadar Assistant

#### Home Applications

#### 88 := <

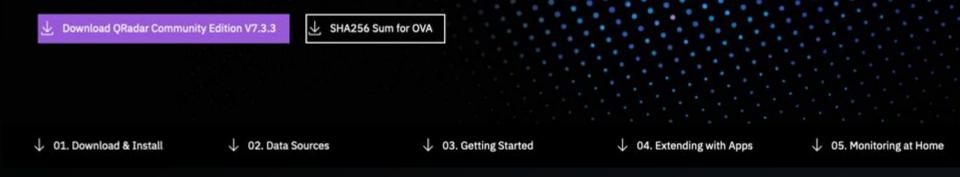
#### Installed Extensions

ID	Name	Status	Version	Number of Instances	Total Memory ^	Installed By	Install Date	Options
1851	QRadar Log Source Management	Running	6.0.0	1	100 MB	Pulse	May 01, 2020	
1951	Threat Intelligence	Running	1.4.6	1	200 MB	admin	May 01, 2020	
1751	IBM QRadar App For Splunk Data Forwarding	Running	3.0.0	1	200 MB	admin	Apr 29, 🕨 Start All In:	stances
856	Experience Center	Running	1.1.0	1	200 MB	Pulse	Mar 01, Stop All Ins Delete All I	
851	QRadar App Editor	Running	2.2.0	1	200 MB	admin	Feb 20, + Create Nev	
613	PhishMe Intelligence	Running	1.0.4	1	200 MB	admin	Jan 08, C Check for U	
854	IBM QRadar Pre-Validation App	Running	1.1.0	1	260 MB	admin	Ē Uninstall E Feb 26,	tension

# QRADAR COMMUNITY EDITION 7.3.3

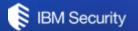
### IBM Security QRadar Community Edition

Experiment, test, and develop on a fully featured version of the market leading SIEM



#### What's New

- Memory minimum requirement updated to 8GB or 10GB w/applications
- Disk space minimum requirement updated to 250GB



# THANK YOU

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