

zSecure Visual log messages

IBM

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zSecure Visual log messages

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The Visual server log files “server.log”, “server.log*n*”, “bbmini.log”, “bbmini.log*n*”, “bbracf.log”, and “bbracf.log*n*” as well as the Visual client log files “cesys” and “cesys*n*” contain messages that are each formatted as follows:

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yyyyMMdd hh:mm:ss utc PpMmVv1.v2.v3.v4LlAaSsEn:id:msgbody

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The following shows a sample message:

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<20181210 09:38:54 utc> P399M13V1.0.48.0L534A4S0E11:LDB: Opened database 'CADbase'

1

<i>yyyyMMdd hh:mm:ss utc</i>	Identifies the UTC <u>year</u> , <u>month</u> , <u>day</u> , <u>hours</u> , <u>minutes</u> , and <u>seconds</u> . This shows when (in UTC) the event occurred that led to the message at hand.
<i>PpMmVv1.v2.v3.v4Ll</i>	Gives an exact specification of the origin of an error message, and is useful to people having access to the Visual source code: <i>p</i> <u>Product tag.</u> <i>m</i> <u>Category tag.</u> <i>v1.v2.v3.v4</i> <u>Category version.</u> <i>l</i> <u>Line number.</u>
<i>Aa</i>	<u>Audience code.</u>
<i>Ss</i>	<u>Internal severity code.</u>
<i>En:id:msgbody</i>	Identifies a message, or a group of messages sharing a message number: <i>n</i> <u>Message number within the <i>id</i> category.</u> <i>id</i> <u>Category identifier.</u> <i>msgbody</i> Short description of the event that led to the message at hand.

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zSecure Visual messages - “Agent” category

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0 Agent: argv[index]: <parameter>

1

Explanation: : The parameter with index *index* that was passed to the agent is *parameter*.

1 **Explanation:** The agent is shutting down as a result of
1 having received an *exit_descr(exit_flag)* signal.

1 **Severity:** 0

1 **Severity:** 0

1

10 Agent: ExitFlag SET: *exit_descr (exit_flag)*,
going exit

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zSecure Visual messages - “CA” category

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10 CA: Exiting. Installation of agent *agent*
canceled

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Explanation: The agent is shutting down and as a

1 result, the installation of partner agent *agent* has been
1 canceled.

1 **Severity:** 0

1 1 45	CA: Cancellation of Install of agent <i>agent</i> failed. Agent was not being installed. Message '<i>msg_id</i>' of '<i>owner</i>' from adapter '<i>srcAdapt</i>' on agent '<i>srcAgent</i>' ignored	1 Explanation: Using ISPF option SE.W, a one-time password was requested for agent <i>agent</i> . 1 Severity: 0
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zSecure Visual messages - “Crm” category

1 1 10	Crm: Opened <i>log_description</i>. Product: <i>product</i>. Version: <i>version</i>. Builddate: <i>build</i>. Local time: <i>localtime</i>.	1 and this is the last message that it has logged to file 1 <i>log_description</i> . 1 Severity: 0
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Explanation: The Visual agent started up, logging to file *log_description*.

Severity: 0

1 15 **Crm: Closed *log_description***

Explanation: The Visual agent has almost shut down,

1 28 **Crm: System ID is *systemID***

Explanation: The Visual server is running on system *systemID*.

Severity: 0

zSecure Visual messages - “CRMCrypt” category

1 1 11	CRMCrypt: generated BBS state	1 can employ to generate pseudorandom numbers. 1 Severity: 0
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Explanation: The agent has created a structure that it

zSecure Visual messages - “CrmlODB” category

1 1 10	CrmlODB: Could not open file: <i>filename</i>; permission denied; the thread does not have access to the specified file, directory, component, or path	1 should not happen when the agent has been properly 1 installed. 1 User response: Install the agent again, paying careful 1 attention to the installation instructions and options. 1 Severity: 12
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Explanation: The agent was unable to open *filename* because it did not have permission to do so. This

zSecure Visual messages - “Crypt” category

1 1 42	Crypt: Creating secure channel with agent '<i>partner</i>'	1 partner agent <i>partner</i> . Messages received over this 1 channel are signed and encrypted. 1 Severity: 0
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Explanation: The agent is creating a communication channel with agent *partner*. Messages sent over this channel are signed and encrypted.

Severity: 0

1 44 **Crypt: Ready to receive messages over secure channel with agent '*partner*'**

Explanation: The agent is ready to receive messages over the communication channel between the agent and

1 45 **Crypt: Secure channel with agent '*partner*' fully active**

Explanation: The agent is ready to send and receive messages over the communication channel between the agent and partner agent *partner*. Messages sent and received over this channel are signed and encrypted.

Severity: 0

zSecure Visual messages - “Dispatch” category

1 1 5	Dispatch: Started adapter '<i>adapterid</i>'	1 10 Dispatch: Stopped adapter '<i>adapterid</i>'
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Explanation: An agent component called *adapterid* was successfully started up.

Severity: 0

Explanation: An agent component called *adapterid* was successfully shut down.

Severity: 0

zSecure Visual messages - “Engine” category

1	1	1	1	1	1
1	39	Engine: Can't delete handler, because engine is empty	1	Severity: 0	
1		Explanation: This message is issued when the agent is shutting down, and has no impact on agent operation.	1		
1		1	Severity: 0		
1	40	Engine: Can't find handler	1	41	Engine: can't start engine, because engine is empty
1		Explanation: This message is issued when the agent is shutting down, and has no impact on agent operation.	1		Explanation: The core of the agent cannot be started because of insurmountable errors at startup.
1		1	Severity: 12		User response: Install the agent again, paying careful attention to the installation instructions and options.

zSecure Visual messages - “Fdcrmio” category

1	1	1	1	1	1
1	15	Fdcrmio: CRMIODriver: error error opening database <i>dbname</i>	1	User response:	Install the agent again, paying careful attention to the installation instructions and options.
1		Explanation: An error identified with number <i>error</i> occurred when trying to open database <i>dbname</i> .	1	Severity:	12

zSecure Visual messages - “IPCser” category

1	1	1	1	1	1
1	30	IPCser: Starting ' <i>program arguments</i> '	1	2500,	and the message occurs only once in the log file, a harmless connection failure occurred, and agent startup is not impacted. Otherwise, the connection failure possibly impacts agent startup.
1		Explanation: The <i>program</i> component of the agent is starting up, with arguments <i>arguments</i> . This component shows up as a process that is separate from the main agent process.	1		User response: Only if the severity is 24, follow the procedures described in Contacting IBM® Support to report the problem.
1		1	Severity: 0		
1	60	IPCser: Failed to connect with ' <i>dest</i> ' rc: <i>event</i>	1	Severity:	0 when <i>dest</i> is "P:DEST_ANY:49152", <i>event</i> is 2500, and the message occurs only once in the log file; 24 otherwise
1		Explanation: If <i>dest</i> is "P:DEST_ANY:49152", <i>event</i> is			

zSecure Visual messages - “LCM” category

1	1	1	1	1	1
1	20	LCM: Illegal Agent certificate encountered. Exit	1	<i>certificate</i>	has already been removed
1		Explanation: A certificate was found to be malformed. There is an error in the certificate database.	1		Explanation: An attempt to remove certificate <i>certificate</i> failed because the certificate had already been removed.
1		User response: Follow the procedures described in Contacting IBM Support to report the problem.	1		User response: Follow the procedures described in Contacting IBM Support to report the problem.
1		1	Severity: 24		Severity: 24
1	160	Non-NIST 800-131A compliant certificates are temporarily allowed	1	160	RemoveLCMCertificate message: <i>message</i>
1		Explanation: The use of certificates that are not NIST 800-131A-compliant is allowed until NIST 800-131A-compliant certificates have been exchanged between the client agent and the server.	1		Explanation: There is a problem with removing an LCM certificate from the database.
1		1	Severity: 4		User response: Follow the procedures described in Contacting IBM Support to report the problem.
1	160	RemoveLCMCertificate: certificate	1	160	The LCM certificate in current use, <i>certificate</i> , is NIST 800-131A compliant.

1 **Explanation:** The *certificate* certificate is compliant
1 with NIST 800-131A.

1 **Severity:** 0

1 **160** **The LCM certificate in current use,**
1 *serial_number*, is not NIST 800-131A
1 compliant. A new LCM certificate will

1 **be generated in about *seconds* seconds.**

1 **Explanation:** The agent uses a certificate that is not
1 NIST 800-131A compliant. To make sure the agent will
1 be able to communicate with other agents in NIST
1 800-131A-compliant mode soon, the agent generates a
1 NIST 800-131A-compliant certificate in *seconds* seconds.

1 **Severity:** 4

1 zSecure Visual messages - “LDB” category

1 **11** **LDB: Opened database '*dbname*'**

1 **Explanation:** Database *dbname* was successfully
1 opened.

1 **Severity:** 0

1 **Explanation:** A database request failed. When
1 *command* and *error* are both equal to 802, this does not
1 impact agent operation.

1 **User response:** Only if the severity is 24, follow the
1 procedures described in Contacting IBM Support to
1 report the problem.

1 **12** **LDB: Request Failed (*command,status*) =**
1 (*command,error*)

1 **Severity:** 0 when both *command* and *error* are equal to
1 802; 24 when either *command* or *error* is unequal to 802

1 zSecure Visual messages - “Route” category

1 **125** **Route: Initializing...**

1 **Explanation:** The Route adapter, one of the agent's
1 components, is initializing. This will finish soon.

1 **Severity:** 0

1 **130** **Route: Exiting... Closing all connections.**

1 **Explanation:** Because the agent is shutting down,
1 connections to all of its partner agents are being closed.

1 **Severity:** 0

1 zSecure Visual messages - “TCPIP Conn” category

1 **35** **TCPIP Conn: Wrong Argument**

1 **Explanation:** A wrong function argument was used
1 internally.

1 **User response:** Follow the procedures described in
1 Contacting IBM Support to report the problem.

1 **Severity:** 24

1 the message in the log file, this does not impact agent
1 operation.

1 **User response:** Only if the severity is 24, follow the
1 procedures described in Contacting IBM Support to
1 report the problem.

1 **Severity:** 0 when *errno* is 1115 and the message occurs
1 only once in the log file; 24 when *errno* is not 1115 or
1 there are several occurrences of the message in the log
1 file

1 **55** **TCPIP Conn: Couldn't find handle to**
1 **cancel connection for *dest***

1 **Explanation:** This message is issued when the agent
1 has almost shut down, and does not impact agent
1 operation.

1 **Severity:** 0

1 **245** **TCPIP Conn: EventRecv: no read ??,**
1 **received exception: *event***

1 **Explanation:** If *event* is 3, this exception has no impact
1 on agent operation.

1 **User response:** Only if the severity is 24, follow the
1 procedures described in Contacting IBM Support to
1 report the problem.

1 **230** **TCPIP Conn: can't bind to socket (*errno***
1 ***errno*)**

1 **Explanation:** The agent cannot bind to a socket. If the
1 *errno* code is 1115 and there is only one occurrence of

1 **Severity:** 0 when *event* is 3; 24 when *event* is not 3