



DEFENSE INFORMATION SYSTEMS AGENCY

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IN REPLY REFER TO: Joint Interoperability Test Command (JTE)

1 August 2018

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Extension of the Joint Interoperability Certification of the ScienceLogic, Inc. SL1, Software Release 8.8 with Agent Release 1.0

- References: (a) Department of Defense Instruction 8100.04, "DoD Unified Capabilities (UC)," 9 December 2010
(b) Office of the Department of Defense Chief Information Officer, "Department of Defense Unified Capabilities Requirements 2013, Change 1," June 2015
(c) through (e), see Enclosure

1. Certification Authority. Reference (a) establishes the Joint Interoperability Test Command (JITC) as the Joint Interoperability Certification Authority for Department of Defense Information Network (DoDIN) products, Reference (b).

2. Conditions of Certification. The ScienceLogic, Inc. SL1, with Software Release 8.8 and Agent Release 1.0, hereinafter referred to as the System Under Test (SUT), is a software product which meets the critical requirements of the Unified Capabilities Requirements (UCR), Reference (b), as an Element Management System (EMS). The SUT is certified for joint use on the DoDIN with the conditions described in Table 1. This certification expires upon changes that affect interoperability, but no later than the expiration date specified in the DoDIN Approved Products List (APL) memorandum.

This extension of the certification is for Desktop Review (DTR) 1. DTR 1 requested to update the Product Name of the SUT from EM7 to SL1 and to update the Software Release version from 8.4 to 8.8 to close a Cybersecurity (CS) finding recorded during previous testing. See Paragraph 4 for additional details.

Table 1. Conditions

Table with 3 columns: Condition, Operational Impact, Remarks. Row 1: UCR Waivers. Row 2: None

Table 1. Conditions (continued)

Condition	Operational Impact	Remarks
Conditions of Fielding (CoF)		
The SUT was evaluated using a standalone Dell PowerEdge R610 server and with distributed Dell R610 servers. Other server platforms may be used, but they must meet or exceed the minimum vendor-recommended hardware requirements for specified number of managed systems.	None	
The SUT was evaluated using Microsoft Hyper-V and VMware ESXi hypervisors and demonstrated full compliance to the EMS critical requirements. Although the SUT supports other hypervisors, this certification is limited to the hypervisors that were tested; therefore, the SUT is certified for use on Microsoft Hyper-V or VMware ESXi. The site will ensure that site-provided hardware used to implement this software solution in a virtual environment meets or exceeds the minimum vendor-recommended hardware requirements (for both the hypervisor and the software solution) for the specified number of managed systems.	None	
Open Test Discrepancies		
None		
LEGEND: SUT System Under Test UCR Unified Capabilities Requirements		

3. **Interoperability Status.** Table 2 provides the SUT interface interoperability status, Table 3 provides the Capability Requirements (CR) and Functional Requirements (FR) status and Table 4 provides a DoDIN APL product summary, to include all subsequent DTR updates.

Table 2. Interface Status

Interface (See note.)	Applicability	Status	Remarks
Network Management Interfaces			
IEEE 802.3i (10BaseT UTP)	C	Met	
IEEE 802.3u (100BaseT UTP)	C	Met	
IEEE 802.3ab (1000BaseT UTP)	C	Met	
NOTE(S): Table 3 depicts the high-level requirements for the SUT. These high-level requirements refer to a more detailed list of requirements provided in Table 3-2 in Enclosure 3 of Reference (c).			
LEGEND: 802.3ab 1000BaseT Gbps Ethernet over twisted pair at 1 Gbps Gbps Gigabits per second 802.3i 10BaseT 10 Mbps Ethernet over Twisted Pair IEEE Institute of Electrical and Electronics Engineers 802.3u Fast Ethernet at 100 Mbps, copper and Fiber Mbps Megabits per second BaseT Megabit (Baseband Operation, Twisted Pair) Ethernet SUT System Under Test C Conditional UTP Unshielded Twisted Pair			

Table 3. Capability Requirements and Functional Requirements Status

CR/FR ID	UCR Requirement (See note 1.)	UCR 2013 Change 1 Reference	Status (Met, Partially Met, Not Met, Not Tested)
1	Internet Protocol version 6 (R)	5	Met
2	EMS Requirements (R) (See note 2.)	15.2	Met
3	Connectivity to Monitored Network Elements (R)	15.2.1	Met
4	Segregation of Network Management Data into Categories (R)	15.2.2	Met

NOTE(S):
 1. The annotation of “required” refers to a high-level requirement category. Enclosure 3 of Reference (c) addresses the applicability of each sub-requirement.
 2. A USAISEC-TIC-led Cybersecurity test team tested Cybersecurity and published the results in a separate report, Reference (d).

LEGEND:
 CR Capability Requirement R Required
 EMS Element Management System TIC Technology Integration Center
 FR Functional Requirement UCR Unified Capabilities Requirements
 ID Identification USAISEC United States Army Information Systems Engineering Command

Table 4. SUT Product and Certification Summary

Product Identification			
Product Name	SL1		
Software Release	8.8 (See note 1.)		
DoDIN Product Type(s)	Element Management System		
Product Description	The SL1 system provides network monitoring for a variety of network appliances, servers, and operating systems. The system accepts SNMP traps and Syslog messages and queries devices with SNMP or PowerShell. The system analyzes the device information to present performance and health statics to the administrator.		
DoDIN Certified Function	Component/Sub-component Name (See notes 1, 2 and 3.)	Tested Version (See note 1.)	Remarks
EMS	<u>SL1 All-In-One</u>	8.8	See note 4.
	<u>SL1 Application Portal</u>		
	<u>SL1 Database</u>		
	<u>SL1 Message Collector</u>		
	<u>SL1 Collector Unit</u>	1.0.96	See note 5.
<u>ScienceLogic Agent</u>			

NOTE(S):
 1. DTR 1 updated the Product Name of the SUT from EM7 to SL1 and updated the SUT Software Release version from 8.4 to 8.8 to close a CS Finding recorded during previous testing, documented in a separate report, Reference (d).
 2. Table 3-3 in Enclosure 3 of Reference (c) provides the detailed component and subcomponent descriptions.
 3. Components bolded and underlined were tested by USAISEC-TIC.
 4. The SL1 components were tested on Dell PowerEdge R610 standalone servers and in a virtual environment with a Microsoft Server 2012 R2 Hyper-V, and then with VMware ESXi 6.5. As this is a software product, the site must provide hardware and/or hypervisor to implement this solution. The SL1 software solution contains the underlying operating system, which installs along with the SL1 system. The underlying operating system is Oracle Linux, a derivative of Red Hat Enterprise Linux (see Reference (d) for cybersecurity information related to the operating system).
 5. The ScienceLogic Agent is compatible with Microsoft and Linux operating system and was installed on Microsoft Server 2012 R2 and CentOS 7 in support of this certification test. The agent supports data collection, but is not required for data collection.

LEGEND:
 DoDIN Department of Defense Information Network SNMP Simple Network Management Protocol
 DTR Desktop Review SUT System Under Test
 EMS Element Management System TIC Technology Integration Center
 R2 Release Two USAISEC United States Army Information Systems Engineering Command

4. **Test Details.** This extension of the certification is based on DTR 1. The original certification, documented in Reference (c), was based on interoperability testing, review of the vendor's Letters of Compliance (LoC) and DISA adjudication of open Test Discrepancy Reports (TDRs) for inclusion on the DoDIN APL. The United States Army Information Systems Engineering Command, Mission Engineering Directorate, Technology Integration Center (USAISEC-MED TIC), conducted testing at Fort Huachuca, Arizona, from 5 June through 6 June 2017 using test procedures derived from Reference (e). Review of the vendor's LoC completed on 05 June 2017. There were no test discrepancies. USAISEC-MED TIC-led CS test teams conducted CS testing and published the results in a separate report, Reference (d). Enclosure 2 of Reference (c) documents the test results and describes the tested network and system configurations. Enclosure 3 of Reference (c) provides a detailed interface, capability, and functional requirements and test results.

DTR 1 requested to update the Product Name of the SUT from EM7 to SL1 and to update the Software Release version from 8.4 to 8.8 to close a Cybersecurity (CS) finding recorded during previous testing. JITC analysis, with input from USAISEC-MED-TIC, determined the software update was for minor bugs fixes and to address the open CS finding and did not affect the certified IO features and functions of the SUT; therefore, no further IO testing was required. In addition, analysis determined the software update successfully closed the CS finding without requiring further CS testing, documented in a separate report, Reference (d). Since there was no change to the approved CS posture of the SUT, the previous CA approval still applies to this DTR. Therefore, with no change to the certified IO features and functions of the SUT, JITC approves this DTR.

5. **Additional Information.** JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Sensitive but Unclassified IP Data (formerly known as NIPRNet) e-mail. Interoperability status information is available via the JITC System Tracking Program (STP). STP is accessible by .mil/.gov users at <https://stp.fhu.disa.mil/>. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Industry Toolkit (JIT) at <https://jit.fhu.disa.mil/>. Due to the sensitivity of the information, the CS Assessment Package (CAP) containing the approved configuration and deployment guide must be requested directly from the Approved Products Certification Office (APCO) via e-mail: disa.meade.ie.list.approved-products-certification-office@mail.mil. All associated information is available on the DISA APCO website located at <http://www.disa.mil/Network-Services/UCCO>.

JITC Memo, JTE, Extension of the Joint Interoperability Certification of the ScienceLogic, Inc. SL1, Software Release 8.8 with Agent Release 1.0

6. Point of Contact (POC). USAISEC-TIC testing POC: Mr. Eric Sundius; commercial telephone (520) 533-3766 for DSN 821-3766; email address: eric.c.sundius.civ@mail.mil. JITC certification POC: Ms. Lisa Esquivel; commercial telephone (520) 538-5531 or DSN 879-5531; e-mail address: lisa.r.esquivel.civ@mail.mil; mailing address: Joint Interoperability Test Command, ATTN: JTE (Ms. Lisa Esquivel), P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The APCO tracking number for the SUT is 1634901.

FOR THE COMMANDER:

Enclosure a/s

for RIC HARRISON
Chief
Networks/Communications and UC Division

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ADDITIONAL REFERENCES

- (c) Joint Interoperability Test Command, JTE, "Joint Interoperability Certification of the ScienceLogic Inc., EM7, Software Release 8.4 with Agent Release 1.0" 1 August 2017
- (d) Joint Interoperability Test Command, "Cybersecurity Assessment Report for ScienceLogic, Inc. SL1 Element Management System, Software Release 8.8 with Agent Release 1.0 (Tracking Number 1634901)," July 2018
- (e) Joint Interoperability Test Command, "Element Management System (EMS) Test Procedures Version 1.0 for Unified Capabilities Requirements (UCR) 2013 Change 1," January 2017