



DEFENSE INFORMATION SYSTEMS AGENCY

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

14 July 2017

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Extension of the Joint Interoperability Certification of the LiteScape OnCast Directory 4.4 MR28

- 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 (UCR 2013) Change 1," June 2015
(c) through (f), see Enclosure

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

2. Conditions of Certification. The LiteScape OnCast Directory 4.4 MR28, hereinafter referred to as the System Under Test (SUT), meets the critical requirements of the Unified Capabilities Requirements (UCR), Reference (b), and is certified for joint use as an Enterprise Directory Services (EDS) Gateway with the conditions described in Table 1. Any updates to the SUT via Desktop Reviews (DTRs) following the original certification are depicted in Table 4. The SUT was tested and certified for use specifically with the Cisco Unified Communications Manager 8.6.1 Enterprise Session Controller (ESC). This certification expires upon changes that affect interoperability, but no later than the expiration date specified in the DoDIN Approved Products List (APL) memorandum.

The extension of this certification is for Desktop Review (DTR) 2. DTR 2 was a request to extend the DoDIN APL expiration date for an additional three (3) years. Additionally, DTR 2 updated the UCR 2013 Errata 1, Reference (c) to the most current UCR 2013 Change 1, Reference (b). See Paragraph 4 for the test 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														
None														
Open Test Discrepancies														
Although the SUT supports the requirement to authenticate EDS clients before exchanging EDS queries, this functionality was not tested and is not covered under this certification.	None	CLOSED (See note 2.)												
<p>NOTE(S):</p> <ol style="list-style-type: none"> DTR 2 updated the UCR 2013 Errata 1, Reference (c) to the most current UCR 2013 Change 1, Reference (b) This requirement was removed in UCR 2013 Change 1; therefore, this discrepancy is no longer applicable <p>LEGEND:</p> <table> <tr> <td>APL</td> <td>Approved Products List</td> <td>EDS</td> <td>Enterprise Directory Services</td> </tr> <tr> <td>DoDIN</td> <td>Department of Defense Information Network</td> <td>SUT</td> <td>System Under Test</td> </tr> <tr> <td>DTR</td> <td>Desktop Review</td> <td>UCR</td> <td>Unified Capabilities Requirements</td> </tr> </table>			APL	Approved Products List	EDS	Enterprise Directory Services	DoDIN	Department of Defense Information Network	SUT	System Under Test	DTR	Desktop Review	UCR	Unified Capabilities Requirements
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DoDIN	Department of Defense Information Network	SUT	System Under Test											
DTR	Desktop Review	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. Table 4 provides a DoDIN APL product summary.

Table 2. Interface Status

Interface (Protocol)	Threshold CR/FR Requirements (See note 1.)	Status	Remarks																								
Network Interfaces (See note 2.)																											
Ethernet 10 Mbps (C)	1, 2, 3	Met																									
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<p>NOTE(S):</p> <ol style="list-style-type: none"> The UCR does not identify interface CR/FR applicability. The SUT high-level CR and FR ID numbers depicted in the Threshold CRs/FRs column are cross-referenced with Table 3. The SUT does not stipulate a required interface. DTR 2 updated the UCR 2013 Errata 1, Reference (c) to the most current UCR 2013 Change 1, Reference (b). JITC analysis determined the UCR Guide 2013 Change 1 updates changed the Network Interfaces from “Required” to “Conditional” for UCR requirements against which the SUT was certified. These changes reduced the requirements for an EDS gateway and did not impact the SUT’s originally certified interoperability features and functions, Reference (d). <p>LEGEND:</p> <table> <tr> <td>APL</td> <td>Approved Products List</td> <td>FR</td> <td>Functional Requirement</td> </tr> <tr> <td>C</td> <td>Conditional</td> <td>ID</td> <td>Identification</td> </tr> <tr> <td>CR</td> <td>Capability Requirement</td> <td>JITC</td> <td>Joint Interoperability Test Command</td> </tr> <tr> <td>DoDIN</td> <td>Department of Defense Information Network</td> <td>Mbps</td> <td>Megabits per second</td> </tr> <tr> <td>DTR</td> <td>Desktop Review</td> <td>SUT</td> <td>System Under Test</td> </tr> <tr> <td>EDS</td> <td>Enterprise Directory Services</td> <td>UCR</td> <td>Unified Capabilities Requirements</td> </tr> </table>				APL	Approved Products List	FR	Functional Requirement	C	Conditional	ID	Identification	CR	Capability Requirement	JITC	Joint Interoperability Test Command	DoDIN	Department of Defense Information Network	Mbps	Megabits per second	DTR	Desktop Review	SUT	System Under Test	EDS	Enterprise Directory Services	UCR	Unified Capabilities Requirements
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Table 3. EDS Gateway CRs and FRs Status

CR/FR ID	UCR Requirement (High-Level) (See note 1.)	UCR 2013 Reference	Status
1	EDS Gateway General Requirements (R)	2.12.2.2.6.2	Met
2	EDS Gateway Scalability, Performance, and Interoperability Requirements (R)	2.12.2.2.6.3	Met
3	Cybersecurity Requirements (R)	4	Met (See note 2.)

NOTE(S):
 1. The annotation of 'required' refers to a high-level requirement category. The applicability of each sub-requirement is provided in Reference (d), Enclosure 3.
 2. JITC-led CS test teams conducted Cybersecurity testing and published the results in a separate report, Reference (e).

LEGEND:

C	Conditional	ID	Identification
CR	Capability Requirement	JITC	Joint Interoperability Test Command
CS	Cybersecurity	R	Required
EDS	Enterprise Services Directory	UCR	Unified Capabilities Requirements
FR	Functional Requirement		

Table 4. DoDIN APL Product Summary

Product Identification			
Product Name	LiteScape OnCast Directory		
Software Release	4.4 MR28 (See note 1.)		
DoDIN Product Type(s)	EDS Gateway		
Product Description	EDS Gateway		
Product Components (See note 2.)	Component Name	Version	Remarks
EDS Gateway	LiteScape OnCast Directory	4.4 MR28	See note 1.

NOTE(S):
 1. DTR 1 updated the SUT from Release 4.4MR27 to Release 4.4MR28.
 2. The detailed component and subcomponent list is provided in Reference (d), Enclosure 3.

LEGEND:

APL	Approved Products List	EDS	Enterprise Directory Services
DoDIN	Department of Defense Information Network	SUT	System Under Test
DTR	Desktop Review		

4. Test Details. The extension of this certification is based upon DTR 2. The original certification, documented in Reference (d), was based on interoperability (IO) testing, review of the vendor's Letters of Compliance (LoC), DISA adjudication of open test discrepancy reports (TDRs), and DISA CA recommendation for inclusion on the DoDIN APL. Testing was conducted at JITC, Fort Huachuca, Arizona, from 4 through 8 August 2014 using test procedures derived from Reference (f). Review of the vendor's LoC was completed on 6 August 2014. DISA adjudication of outstanding TDRs was completed on 19 August 2014. Cybersecurity (CS) testing was conducted by JITC-led CS test teams and the results are published in a separate report, Reference (e).

DTR 2 was a request to extend the DoDIN APL expiration for an additional three (3) years. Additionally, DTR 2 updated the UCR 2013 Errata 1, Reference (c) to the most current UCR 2013 Change 1, Reference (b). JITC reviewed the system documentation and the changes between UCR 2013 Change 1, Reference (b), and UCR 2013 Errata 1 requirements, Reference (c), and determined no additional IO testing was required. For requirements against

which the SUT was originally certified, UCR Guide 2013 Change 1 updates only included the removal of authentication of EDS Client to EDS Gateway requirements and changed the Network Interfaces from “Required” to “Conditional.” These changes reduced EDS gateway requirements and did not impact the SUT's originally certified interoperability features and functions, Reference (d). Additionally, DISA Approved Products Certification Office (APCO) concurred that this DTR2 did not alter the security posture of the solution from the original CS accreditation and no CS testing was required. Therefore, 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 Interoperability Tool (JIT) at <https://jit.fhu.disa.mil/>. Due to the sensitivity of the information, the Cybersecurity Assessment Package (CAP) that contains the approved configuration and deployment guide must be requested directly from the APCO, 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/Services/Network-Services/UCCO>.

6. Point of Contact (POC). The JITC point of contact is Kathleen Kendall; commercial telephone (520) 538-0507, DSN telephone 879-0507, FAX DSN 879-4347; e-mail address kathleen.a.kendall2.civ@mail.mil; mailing address Joint Interoperability Test Command, ATTN: JTE (Kathleen Kendall) P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The APCO tracking number for the SUT is 1412803.

FOR THE COMMANDER:

Enclosure a/s

for RIC HARRISON
Chief
Networks/Communications and UC Division

Distribution (electronic mail):

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ADDITIONAL REFERENCES

(c) Office of the Department of Defense Chief Information Officer, "Department of Defense Unified Capabilities Requirements 2013, Errata 1," 1 July 2013

(d) Joint Interoperability Test Command, JTE, "Joint Interoperability Certification of the LiteScape OnCast Directory 4.4 MR27," 4 September 2014

(e) Joint Interoperability Test Command, "Information Assurance (IA) Assessment Report For LiteScape OnCase Directory Release (Rel.) 4.4 (Tracking Number 1412803)," June 2017

(f) Joint Interoperability Test Command, "Unified Capabilities (UC) Enterprise Directory Services (EDS) Gateway Test Procedures Version 1.0 for Unified Capabilities Requirements (UCR) 2013 Errata 2," Draft