DEFENSE INFORMATION SYSTEMS AGENCY
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IN REPLY
REFER TO: Joint Interoperability Test Command (JTE) **1 June 12**

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Extension of the Special Interoperability Test Certification of the Avaya Call Management System (CMS) Release 16.3

References: (a) DoD Directive 4630.05, "Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)," 5 May 2004
(b) CJCSI 6212.01E, "Interoperability and Supportability of Information Technology and National Security Systems," 15 December 2008
(c) through (e), see Enclosure

1. References (a) and (b) establish the Defense Information Systems Agency (DISA), Joint Interoperability Test Command (JITC), as the responsible organization for interoperability test certification.

2. The Avaya Call Management System (CMS) Release 16.3 is hereinafter referred to as the System Under Test (SUT). The SUT meets all of its critical interoperability requirements and is certified as interoperable for joint use within the Defense Information System Network (DISN) as a Customer Premise Equipment (CPE). The Avaya CMS is a database, administration, and reporting application that provides an interface to the Automatic Call Distribution (ACD) feature of the Avaya Aura Communication Manager. The SUT was tested and certified with the Avaya Aura S8800 with Communication Manager (CM) Release 6.0.1 (00.1.510.1 Service Pack 19391) Local Session Controller (LSC). Additionally, the SUT is also certified with other Avaya Aura CM LSCs, Avaya Small End Office, and Private Branch Exchange switches that are or were listed on the Unified Capabilities (UC) Approved Products List (APL). The SUT included the Sun Scalable Processor Architecture (SPARC) Enterprise T5120 4-core server. JITC analysis also determined the T5120 8-core and T5220 4- and 8-core servers to be functionally identical to the T5120 4-core server for interoperability certification purposes and therefore, they are also certified for joint use. The SUT meets the critical interoperability requirements set forth in Reference (c) and testing was conducted using test procedures derived from Reference (d). The SUT is certified as interoperable for joint use with any Assured Services Local Area Network (ASLAN) components listed on the UC APL. No other configurations, features, or functions, except those cited within this report, are certified by the JITC. This certification expires upon changes that affect interoperability but no later than 26 April 2015, which is three years from the date the DISA Certifying Authority (CA) provided a positive Recommendation.

3. The extension of this certification is based upon Desktop Review (DTR) 1. The original certification is based on interoperability testing, review of the vendor's Letters of Compliance (LoC), and DISA adjudication of open test discrepancy reports (TDRs), DISA CA

Recommendation. Interoperability testing was conducted at JITC's Global Information Grid Network Test Facility, Fort Huachuca, Arizona from 5 through 9 September 2011 and documented in Reference (e). Review of the vendor's LoC was completed on 14 September 2011. DISA adjudication of outstanding TDRs was completed on 18 January 2012. The DISA CA provided a positive recommendation on 26 April 2012 based on the security testing completed by DISA-led Information Assurance (IA) test teams and published in a separate report, Reference (f). The SUT was tested on a Sun SPARC T5120 server platform. This DTR was requested to include the Sun Netra X4270 as a certified server platform. JITC analysis determined this server to be functionally identical to the Sun SPARC T5120 server. Therefore, JITC approves this DTR. The IA posture has not changed. The original IA approval applies to this DTR.

4. Table 1 provides the Capability Requirements (CR) and Functional Requirements (FR) used to evaluate the interoperability of the SUT and the interoperability status. This interoperability test status is based on the SUT's ability to meet CPE requirements specified in section 5 of Reference (c) verified through JITC testing and/or vendor submission of LoC.

Table 1. SUT Interoperability Status

Interface	Critical	Certified	CRs and FRs	Met	UCR Paragraph
IP 10Base-TX (IEEE 802.3i)	Yes	Yes	Compliance with FCC Part 15 and Part 68	Met[1]	5.2.1.2
	No	No[2]	Service Class Tagging (C)	Not Met[2]	5.3.3.3.2
100Base-TX (IEEE 802.3u)	No	Yes	IEEE 802.3i (C)	Met	5.2.1.2
	No	Yes	IEEE 802.3u (C)	Met	5.2.1.2
Security	Yes	Yes	Security (R)	Met[3]	5.4

NOTES:
1. Part 68 of the FCC rules (47 CFR Part 68) governs the connection of Terminal Equipment to the Public Switched Telephone Network. These rules apply to Time Division Multiplexing connections and are therefore, not applicable to the SUT.
2. The OA&M packets had no DSCP values set. The SUT cannot configure DSCP values from 0-63 as required. This discrepancy was adjudicated by DISA as having a minor impact based on vendor's POA&M to resolve the issue by 31 August 2012.
3. Security is tested by DISA-led Information Assurance test teams and published in a separate report, see Reference (f).

LEGEND:

10BaseTX	10 Mbps Ethernet over Category 5 Twisted Pair Copper	DSCP	Differentiated Services Code Point
100BaseTX	100 Mbps Ethernet over Category 5 Twisted Pair Copper	FCC	Federal Communications Commission
802.3i	10BaseT Mbps over twisted pair	FR	Functional Requirement
802.3u	Standard for carrier sense multiple access with collision detection at 100 Mbps	IEEE	Institute of Electrical and Electronics Engineers
C	Conditional	Mbps	Megabits per second
CR	Capability Requirement	OA&M	Operations, Administration, and Management
DISA	Defense Information Systems Agency	POA&M	Plan of Action and Milestones
		R	Required
		SUT	System Under Test
		UCR	Unified Capabilities Requirements

5. No detailed test report was developed in accordance with the Program Manager's request. JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/gov users on the NIPRNet 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 http://jit.fhu.disa.mil (NIPRNet). Information related to DISN testing is on the Telecom Switched Services Interoperability (TSSI) website at http://jitc.fhu.disa.mil/tssi. Due to the sensitivity of the information, the Information Assurance Accreditation Package (IAAP) that contains the approved configuration and deployment guide must be requested directly through government civilian or uniformed military personnel from the Unified Capabilities Certification Office (UCCO), e-mail: ucco@disa.mil.

6. The JITC point of contact is Capt Stéphane Arsenault, DSN 879-5269, commercial (520) 538-5269, FAX DSN 879-4347, or e-mail to Stephane.Arsenault@disa.mil. The JITC's mailing address is P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The Tracking Number for the SUT is 1104701.

FOR THE COMMANDER:

Enclosure a/s

for RICHARD A. MEADOR
Chief
Battlespace Communications Portfolio

Distribution (electronic mail):
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Defense Information Systems Agency, GS23

ADDITIONAL REFERENCES

(c) Office of the Assistant Secretary of Defense, "Department of Defense Unified Capabilities Requirements 2008 Change 2," 31 December 2010
(d) Joint Interoperability Test Command, "Defense Switched Network Generic Switch Test Plan (GSTP), Change 2," 2 October 2006
(e) Joint Interoperability Test Command, Memo, JTE, "Special Interoperability Test Certification of the Avaya Call Management System (CMS) Release 16.3," 30 April 2012
(f) Joint Interoperability Test Command, "Information Assurance (IA) Assessment of Avaya Call Management System (CMS) Release (Rel.) 16.3 (Tracking Number 1104701)," Draft