DEFENSE INFORMATION SYSTEMS AGENCY
P. O. BOX 549
FORT MEADE, MARYLAND 20755-0549

MEMORANDUM FOR DISTRIBUTION   Revision 1 (See Enclosure 2)

SUBJECT: Extension of the Joint Interoperability Certification of Aruba, a Hewlett Packard
Enterprise company, Mobility Controllers (7000/7200 and 9000/9200 Series) with
specified Virtual Controllers and Access Points (APs) with Software Release Aruba
Operating System (ArubaOS) 8.10.0.2

References: (a) Department of Defense (DoD) 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 2," September 2017
(c) through (f), see Enclosure 1

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. Aruba, a Hewlett Packard Enterprise company, Mobility
Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access
Points (APs) with Software Release Aruba Operating System (ArubaOS) 8.10.0.2, is hereinafter
referred to as the System Under Test (SUT). The SUT meets the critical requirements of the
Unified Capabilities Requirements (UCR), Reference (b), as a Wireless Local Area Network
Access System (WLAS) and Wireless Access Bridge (WAB) and is certified for joint use with
the conditions described in Table 1. The WLAS is comprised of a Mobility or Virtual Controller
and one or more APs. The WAB is comprised of a Mobility or Virtual Controller, one AP in
Mesh Portal mode, and one or more APs in Mesh Point mode.

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) 7. DTR 7 was requested to add
the 9000 and 9200 Series Mobility Controllers and the AP-615, AP-635, and AP-655 APs to the
list of certified components. DTR 7 also requested to update the Model/Product Name from
"7000 and 7200 Series Mobility Controllers with specified Virtual Controllers and APs" to
"Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and
Access Points (APs)". See Table 4 for an updated list of certified components and Paragraph 4
for additional details.

JITC Memo, JTE, Extension of the Joint Interoperability Certification of Aruba, a Hewlett Packard Enterprise company, Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access Points (APs) with Software Release Aruba Operating System (ArubaOS) 8.10.0.2

Table 1. Conditions

Description	Operational Impact	Remarks
UCR Waivers		
None		
TDR#	**Conditions of Fielding**	
004	EDG-000360 c, d - The 205/215, and 215/225 APs did not meet WAB packet loss requirements. The 305/315, 335/325, and 275/365 APs did meet WAB requirements.	Minor with CoF Data Only: 205/215, 215/225 Non-Assured Voice and Data: 305/315, 335/325, 275/365	DISA adjudicated this discrepancy as Minor with CoF.
TDR#	**Open Test Discrepancies**	
N/A	The AP-500 Series added via DTR 3 provided IEEE 802.11ax capability to the SUT; however, 802.11ax was not tested and was not certified for use with DTR 3. CoF: The site administrator must disable 802.11ax on the AP-500 Series before use, per instructions included in the MUDG.	CLOSED	See note.
001	EDG-000290 b - The product version submitted/tested is not Wi-Fi Alliance certified as required via EDG-000290 (b). Tested code version ArubaOS 8.2.2.0-FIPS; ArubaOS 6.5.2 code version is Wi-Fi Alliance certified.	Information Only	DISA adjudicated that the differences in the code version is minor and accepted the previous Wi-Fi Alliance certification for ArubaOS 6.5.2-FIPS code version.
002	EDG-000290 d, EDG-000290 g - The product does not have a FIPS certification.	None Change Requirement	DISA adjudicated this discrepancy as a change requirement in the next version of the UCR.
003	EDG-000290 e, EDG-000350 c, d, g - The 203R, 205, 205H, and 228 APs did not meet WLAS latency, jitter, and packet loss requirements. The 215, 225, 275, 303H, 305, 315, 325, 335, and 365 APs did meet WLAS requirements.	Critical for 203R, 205, 205H, 228 (Certified as Data Only) All others are certified as Non-Assured Service	DISA adjudicated this discrepancy as Critical for the specified APs.
005	EDG-000130 - The product did not comply with RFC 2737.	None Change Requirement	DISA adjudicated this discrepancy as a change requirement in the next version of the UCR.
006	EDG-000360.i – The SUT, functioning as a WAB, does not support single- or dual-product redundancy.	None Change Requirement	DISA adjudicated this discrepancy as a change requirement in the next version of the UCR.

NOTE(S): With DTR 4 testing conducted by USAISEC-TIC 16-19 February 2021 on AP-515, AP-535, and AP-555, the IEEE 802.11ax wireless protocol capability was certified on the AP-500 Series devices added with DTR 3; therefore, the corresponding CoF was CLOSED.

LEGEND:

AP	Access Point	RFC	Request for Comment
CoF	Condition(s) of Fielding	SUT	System Under Test
DISA	Defense Information Systems Agency	TDR	Test Discrepancy Report
DTR	Desktop Review	TIC	Technology Integration Center
FIPS	Federal Information Processing Standard	UCR	Unified Capabilities Requirements
IEEE	Institute of Electrical and Electronics Engineers	USAISEC	U.S. Army Information Systems Engineering Command
MUDG	Military Unique Deployment Guide	WAB	Wireless Access Bridge
N/A	Not Applicable	Wi-Fi	Wireless Fidelity
OS	Operating System	WLAS	Wireless Local Area Network LAN Access System

3.   Interoperability Status. Table 2 provides the SUT interface interoperability status, Table 3 provides the Capability Requirements and Functional Requirements status, and Table 4 provides a DoDIN APL Product Summary, to include subsequent DTR updates.

JITC Memo, JTE, Extension of the Joint Interoperability Certification of Aruba, a Hewlett Packard Enterprise company, Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access Points (APs) with Software Release Aruba Operating System (ArubaOS) 8.10.0.2

Table 2. Interface Status

Interface (Protocol) (See note 1.)	Applicability: (R), (O), (C)		Status	Remarks
	WLAS	WAB		
Network Management Interfaces (See note 2.)				
802.3i (10 Mbps)	R	R	Met	
802.3j (10 Mbps)	R	R	Met	
802.3u (100 Mbps)	R	R	Met	
802.3z (1000 Mbps)	R	R	Met	
802.3ab (1000 Mbps)	R	R	Met	
Serial (EIA/TIA)	C	C	Met	
Network Interfaces (See note 3.)				
802.11a IAW 802.11-2012 Clause 18 – 5 GHz	R	R	Met	
802.11b IAW 802.11-2012 Clause 17 – 2.4 GHz	R	R	Met	
802.11g IAW 802.11-2012 Clause 19 – 2.4 GHz	R	R	Met	
802.11n IAW 802.11-2012 Clause 20 - 2.4 GHz and 5 GHz	R	R	Met	
802.11ac IAW amendment 802.11ac-2013	O	O	Met	
802.11ax IAW PAR 802.11ax 2017	O	O	Met	See note 3.
802.16 IAW 802.16-2012	R	R	Not Tested	See note 4.
802.3i (10 Mbps)	R	R	Met	
802.3j (10 Mbps)	R	R	Met	
802.3u (100 Mbps)	R	R	Met	
802.3z (1000 Mbps)	R	R	Met	
802.3ab (1000 Mbps)	R	R	Met	
802.3ae (10 Gbps)	O	O	Met	
802.3an (10 Gbps)	O	O	Not Tested	See note 5.

NOTE(S):
1. Table 3 depicts the SUT high-level requirements. Table 3-2 in Enclosure 3 of Reference (c) provides a more detailed list of requirements.
2. The SUT shall support at least one of the specified management interfaces.
3. With DTR 4 testing conducted by USAISEC-TIC 16-19 February 2021 on AP-515, AP-535, and AP-555, the IEEE 802.11ax capability was certified on the AP-500 Series devices added with DTR 3.
4. The SUT shall support at least one of the specified wireless protocols (802.11/16) and one of the wired network interfaces (802.3). The SUT does not support 802.16 protocols.
5. The SUT does not support this optional interface.

LEGEND:

802.3i	10BaseT Mbps over twisted pair	C	Conditional
802.3j	10BaseF over Fiber-Optic	CSMA	Carrier Sense Multiple Access
802.3u	Standard for CSMA with collision detection at 100 Mbps	EIA/TIA	Electronic Industries Alliance/ Telecommunications Industry Association
802.3z	1 Gbps Ethernet	Gbps	Gigabits per second
802.3ab	1000BaseT Ethernet over twisted pair	GHz	GigaHertz
802.3ae	10 Gbps Ethernet	IAW	In accordance with
802.3an	10 GBaseT Ethernet over shielded/unshielded twisted pair	IEEE	Institute of Electrical and Electronics Engineers
802.11a	1.5 to 54 Mbps	Mbit/s	Megabits per second
802.11b	11 Mbit/s Maximum	Mbps	Megabits per second
802.11g	2.4 GHz band, 11 Mbps Maximum	O	Optional
802.11n	2.4 GHz and 5 GHz, 600 Mbps Maximum	PAR	Project Authorization Request
802.11ac	5 GHz band, 3.46 Gbps Maximum	R	Required
802.11ax	Between 1 GHz and 7.125 GHz	SUT	System Under Test
802.16	Broadband Wireless Access various frequency range and data rates	TIC	Technology Integration Center
		USAISEC	U.S. Army Information Systems Engineering Command
BaseF	Megabit Ethernet over Fiber	WAB	Wireless Access Bridge
BaseT	Mbps (Baseband Operation, Twisted Pair) Ethernet	WLAS	Wireless Local Area Network Access

JITC Memo, JTE, Extension of the Joint Interoperability Certification of Aruba, a Hewlett Packard Enterprise company, Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access Points (APs) with Software Release Aruba Operating System (ArubaOS) 8.10.0.2

Table 3. Capability Requirements and Functional Requirements Status

CR/FR ID	UCR Requirement (See note 1.)	UCR 2013 Change 2 Reference	Status
1	Cybersecurity (R)	See note.2	See note.2
2	General Wireless Product (R)	7.3.1	Partially Met (See note 3.)
3	Wireless Interface (R)	7.3.2	Met
4	Wireless LAN Access System (R)	7.3.4	Partially Met (See note 3.)
5	Wireless Access Bridge (R)	7.3.5	Partially Met (See note 3.)
6	IPv6 Requirements (R)	Section 5	Met

NOTES:
1. The annotation of "required" refers to a high-level requirement category. Enclosure 3 of Reference (c) addresses the applicability of each sub-requirement for the SUT.
2. A USAISEC-TIC-led Cybersecurity test team conducted Cybersecurity testing based on DISA STIG/SRGs and published the results published in a separate report, Reference (d).
3. The SUT met the requirements with the exceptions noted in Table 1.

LEGEND:
CR	Capability Requirements	SRG	Security Requirements Guide
DISA	Defense Information Systems Agency	STIG	Security Technical Implementation Guide
FR	Functional Requirement	SUT	System Under Test
ID	Identification	TIC	Technology Integration Center
IPv6	Internet Protocol version 6	UCR	Unified Capabilities Requirements
LAN	Local Area Network	USAISEC	U.S. Army Information Systems Engineering Command
R	Required		

Table 4. DoDIN APL Product Summary

Product Identification			
Product Name	Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access Points (APs)		
Software Release	ArubaOS 8.10.0.2 (See note 1.)		
UCR Product Type(s)	WLAS and WAB		
Product Description	Wireless LAN controllers and APs that provide wireless network connectivity for the access layer.		
DoDIN Certified Function	**Component/Sub-component Name** (See notes 2 and 3.)	**Tested Version** (See note 1.)	**Remarks**
WLAS and WAB (See note 4.)	**Aruba 7005**	ArubaOS 8.10.0.2	Mobility Controllers
	Aruba 7008		
	Aruba 7010		
	Aruba 7024		
	Aruba 7030		
	Aruba 7205		
	Aruba 7210		
	Aruba 7220		
	Aruba 7240/7240XM		
	Aruba 7280 (See note 5.)		
WLAS and WAB (See note 4.)	**Virtual Mobility Master** • **JZ395AAE Aruba MM-VA-50-F1** • JZ376AAE Aruba MM-VA-500-F1 • JZ377AAE Aruba MM-VA-1K-F1 • JZ378AAE Aruba MM-VA-5K-F1 • JZ379AAE Aruba MM-VA-10K-F1	ArubaOS 8.10.0.2	Mobility Master (Virtual) (See note 6.)

(Table continues next page.)

4

JITC Memo, JTE, Extension of the Joint Interoperability Certification of Aruba, a Hewlett Packard Enterprise company, Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access Points (APs) with Software Release Aruba Operating System (ArubaOS) 8.10.0.2

Table 4. SUT Product Summary (continued)

DoDIN Certified Function	Component/Sub-component Name (See note 2 and 3.)		Tested Version (See note 1.)	Remarks
WLAS and WAB (See note 4.)	**X86 Hardware Appliance Mobility Master** • JZ396A Aruba MM-HW-1K-F1 • JZ397A Aruba MM-HW-5K-F1 • **JZ398A Aruba MM-HW-10K-F1**		ArubaOS 8.10.0.2	Mobility Master (X86-Based Hardware Appliance)
	Aruba Virtual Mobility Controller models) • JZ389AAE Aruba MC-VA-50 (RWF1) • JZ390AAE Aruba MC-VA-250 (RWF1) • JZ391AAE Aruba MC-VA-1K (RWF1) • R1B26A Aruba 9004 (RWF1) • **JZ392AAE Aruba MC-VA-50 (USF1)** • JZ393AAE Aruba MC-VA-250 (USF1) • JZ394AAE Aruba MC-VA-1K (USF1) • R1B25A Aruba 9004 (USF1)			Virtual Mobility Controllers (See note 6.)
	Name	**Chipset**		Access Points
	AP-203R/**AP-203RP** (See note 7.)	Broadcom BCM40000		
	AP-204/**AP-205** (See notes 7 and 8.)			
	AP-205H (See note 7.)			
	AP-344/AP-345 (See note 5.)			
	AP-504/AP-505 (See note 5.)			
	AP-514/**AP-515** (See note 5.)			
	AP-565/567 (See note 9.)			
	AP-574/575/577 (See note 9.)			
	AP-334/**AP-335**	Freescale T1024		
	AP-303H	Qualcomm IPQ4000		
	AP-304/**AP-305**			
	AP-365/AP-367			
	AP-318 (See note 5.)	Qualcomm IPQ8000		
	AP-314/**AP-315**			
	AP-374/AP-375/AP-377 (See note 5.)			
	AP-387 (See note 5.)			
	AP-534/**AP-535** (See note 5.)			
	AP-555 (See note 5.) AP-584/585/587 (See note 9.)			
Components added with DTR 7 (See note 10.)				
Component (See notes 2 and 10.)		Software Release (See note 1.)	Sub-component	Description
Aruba 9004 TAA		ArubaOS 8.10.0.2	N/A	Virtual Mobility Controllers
Aruba 9012 TAA				
Aruba 9240 FIPS/TAA Campus				
Name	**Chipset**			APs/WIDS sensors
AP-615	Broadcom BCM 40000			
AP-635	Qualcomm IPQ6000			
AP-655	Qualcomm IPQ8000			

(Table continues next page.)

JITC Memo, JTE, Extension of the Joint Interoperability Certification of Aruba, a Hewlett Packard Enterprise company, Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access Points (APs) with Software Release Aruba Operating System (ArubaOS) 8.10.0.2

Table 4. SUT Product Summary (continued)

NOTE(S):
1. The SUT was initially certified with Software Release version ArubaOS 8.2. Subsequent DTRs updated the ArubaOS Software Release version as follows: DTR 1 from 8.2 to 8.5; DTR 2 from 8.5 to 8.6.0.3; DTR 5 from 8.6.0.3 to 8.10.0.2.
2. Components bolded and underlined were tested by JITC or USAISEC-TIC. The other components in the family series were not tested; however, JITC certified the other components for joint use because they utilize the same software and similar hardware as tested components and JITC analysis determined they were functionally identical for interoperability certification purposes.
3. With DTR 5, the following wireless APs were removed from the certified SUT components due to expiration of Federal Information Processing Standard (FIPS) Cryptographic Module Validation Program (CMVP) certification #3485: AP-214/AP-215, AP-224/AP-225, AP-228, AP-274/AP-275/AP-277, and AP-324/AP-325.
4. The WLAS is comprised of a Mobility or Virtual Controller and one or more APs. The WAB is comprised of a Mobility or Virtual Controller, one AP in mesh portal mode, and one or more APs in mesh point mode.
5. With DTR 3, the following APs and MC were added based on analysis and similarity to the previously tested and certified APs and MCs: AP-318, AP-344/345, AP-374/375/AP-377, AP-387, AP-504/505, AP-514/515, AP-534/535, AP-555 and MC7280. With DTR 4 testing conducted by USAISEC-TIC 16-19 February 2021 on AP-515, AP-535, and AP-555, the IEEE 802.11ax capability was certified on the AP-500 Series devices added with DTR 3
6. USAISEC TIC tested the virtual components of the SUT on VMware ESXi 6.5. The site will need to provide hardware that meets or exceeds the minimum vendor-recommended hardware.
7. AP-203R, AP-205H, AP-205, and AP-228 did not meet WLAS latency, jitter, and packet loss requirements; therefore, these APs are certified for Data only. Refer to Table 1, Conditions, for further details regarding this discrepancy.
8. The 205/215 and 215/225 AP WAB pairs did not meet WAB packet loss requirements; therefore, these AP WAB pairs are certified for Data only. Refer to Table 1, Conditions, for further details regarding this discrepancy.
9. With DTR 6, the AP-560 and AP-570 series APs were added based on analysis and similarity to the currently certified AP-203R, and the AP-580 series APs were added based on analysis and similarity to the currently certified AP-314/315.
10. With DTR 7, the 9000 and 9200 Series Mobility Controllers and the AP-615, AP-635, and AP-655 APs were added without testing based on analysis and similarity to the previously certified components.

LEGEND:

2K	2,000	N/A	Not Applicable
AP	Access Point	OS	Operating System
APL	Approved Products List	POE+	Power over Ethernet Type 2
ARM	Advanced RISC Machine	RISC	Reduced Instruction Set Computer
CAT	Category	SFP	Small Form-Factor Pluggable
CPU	Central Processing Unit	SUT	System Under Test
DoDIN	Department of Defense Information Network	TAA	Trade Agreement Act
DTR	Desktop Review	TIC	Technology Integration Center
ESXi	Elastic Sky X integrated	UCR	Unified Capabilities Requirements
FIPS	Federal Information Processing Standard	US	United States
IEEE	Institute of Electrical and Electronics Engineers	USAISEC	U.S. Army Information Systems Engineering Command
JITC	Joint Interoperability Test Command	VMware	Virtual Machine Software
LAN	Local Area Network	VPN	Virtual Private Network
LTE	Long-term Evolution	WAB	Wireless Access Bridge
MC	Mobility Controller	WLAS	Wireless LAN Access System

4. Test Details. This extension of the certification is based on DTR 7. The original certification, documented in Reference (c), was based on interoperability (IO) testing, review of the Vendor's Letter of Compliance (LoC), Defense Information Systems Agency (DISA) adjudication of open Test Discrepancy Reports (TDRs), and the DISA Certifying Authority Recommendation for inclusion on the DoDIN APL. The United States Army Information Systems Engineering Command Mission Engineering Directorate, Technology Integration Center (USAISEC-MED TIC), hereafter referred to as USAISEC TIC, conducted testing at Fort Huachuca, Arizona, from 28 May 2018 through 8 June 2018, using test procedures derived from Reference (e), and completed review of the Vendor's LoC on 30 May 2018. DISA completed adjudication of outstanding TDRs on 7 August 2018. A USAISEC TIC-led Cybersecurity (CS) test team 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 test

JITC Memo, JTE, Extension of the Joint Interoperability Certification of Aruba, a Hewlett Packard Enterprise company, Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access Points (APs) with Software Release Aruba Operating System (ArubaOS) 8.10.0.2

network and system configurations. Enclosure 3 of Reference (c) provides the detailed interface, capability, and functional requirements.

DTR 7 was requested to add the 9000 and 9200 Series Mobility Controllers and AP-615, AP-635, and AP-655 APs to the list of certified components.

JITC analysis determined no additional IO or CS testing was required because the new components had similar hardware and operate on the same software as previously tested and certified components and therefore addition of these components did not change the certified IO features and functions or approved CS posture of the SUT. Additionally, with the addition of these new components, the Model/Product Name was updated from "7000 and 7200 Series Mobility Controllers with specified Virtual Controllers and APs" to "Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access Points (APs)". See Table 4 for an updated list of certified SUT components. Analysis of this DTR request was performed based on current UCR 2013 Change 2 test procedures, Reference (f).

Based on analysis, no change to the certified SUT IO features and functions, and no past due Vendor POA&Ms, JITC approves DTR 7.

In addition, the current CS posture of the SUT is documented in a separate report, Reference (d).

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.jitc.disa.mil/. Test reports, lessons learned, and related testing documents and references are on the JITC Industry Toolkit (JIT) at https://jit.fhu.disa.mil/index.aspx. Due to the sensitivity of the information, the CS Assessment Package 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 https://aplits.disa.mil/.

JITC Memo, JTE, Extension of the Joint Interoperability Certification of Aruba, a Hewlett Packard Enterprise company, Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access Points (APs) with Software Release Aruba Operating System (ArubaOS) 8.10.0.2

6. Point of Contact (POC). JITC POC: Mr. Edward Mellon; commercial telephone (301) 225-5354; DSN (312) 375-5354; e-mail address: edward.a.mellon.civ@mail.mil; mailing address: Joint Interoperability Test Command, ATTN: JTE2 (Mr. Edward Mellon), 6910 Cooper Avenue, Fort Meade, Maryland 20755-7085. The APCO tracking number for the SUT is 1805302.

FOR THE COMMANDER:

2 Enclosures a/s   FOR LAWRENCE T. DORN
                                                   Chief
                                                   Specialized Test Division

Distribution (electronic mail):
DoD CIO
Joint Staff J-6, JCS
ISG Secretariat, DISA, JT
U.S. Strategic Command, J66
USSOCOM J65
USTRANSCOM J6
US Navy, OPNAV N2/N6FP12
US Army, DA-OSA, CIO/G-6, SAIS-CBC
US Air Force, SAF/A6SA
US Marine Corps, MARCORSYSCOM, SEAL, CERT Division
US Coast Guard, CG-64
DISA/ISG REP
OUSD Intel, IS&A/Enterprise Programs of Record
DLA, Test Directorate, J621C
NSA/DT
NGA, Compliance and Assessment Team
DOT&E
Medical Health Systems, JMIS PEO T&IVV
HQUSAISEC, AMSEL-IE-ME
APCO

ADDITIONAL REFERENCES

(c) Joint Interoperability Test Command (JITC) Memo, JTE, "Joint Interoperability Test Certification of Aruba, a Hewlett Packard Enterprise company, 7000 and 7200 Series Mobility Controllers and Access Points Controllers, and specified Access Points with Software Release ArubaOS 8.2," 15 November 2018

(d) JITC "Cybersecurity Assessment Report for Aruba, a Hewlett Packard Enterprise company, Mobility Controllers (7000/7200 and 9000/9200 Series) with specified Virtual Controllers and Access Points (APs), Software Release Aruba OS 8.10.0.2, Tracking Number (TN) 1805302," March 2023

(e) JITC, "Unified Capabilities Wireless LAN Access System (WLAS) and Wireless Access Bridge (WAB) Test Procedures, Version 1.0 for Unified Capabilities Requirements (UCR) 2013 Change 1," January 2016

(f) JITC, "Wireless LAN Access System (WLAS) and Wireless Access Bridge (WAB) Test Procedures, Version 1.0, for Unified Capabilities Requirements (UCR) 2013 Change 2," November 2019

Table 2-1. Joint Interoperability Certification Revision History

Revision	Date	Approved By	Comment (See note.)
N/A	22 March 2023	Lawrence Dorn	Original Extension of the Joint Interoperability Certification for DTR 7.
1	11 August 2023	Elaine Macari	Revision 1 to this extension of the certification corrects the list of APs added with DTR 7 from "AP-610, AP-630, and AP-650" to "AP-615, AP-635, and AP-655" per the Vendor's request. The following sections of the certification memo were revised accordingly: • **2. Conditions of Certification**, 3rd sentence (description of DTR 7 request). • **Table 4. SUT Product Summary**: - "**Components added with DTR 7**" section. - "**NOTE(S):**" section, Note 10. • **4. Test Details**, 2nd sentence (description of DTR 7 request).

NOTE(S): Document reformatted as needed to accommodate the changes described in this table.

LEGEND:
AP   Access Point   N/A   Not Applicable
DTR   Desktop Review