CISCO

日本市場向け
Cisco Wireless LAN Controller 8.9 , Cisco IOS XE 16.11 and Cisco Mobility Express 8.9
システム リリース テスト結果サマリ
テスト結果サマリ

シスコシステムズ合同会社

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コンポーネント一覧 (1)

カテゴリ	コンポーネント	バージョン
Controller	Wireless LAN Controller 8540	8.9.100.0
	Wireless LAN Controller 5520	8.9.100.0
	Wireless LAN Controller 3504	8.9.100.0
	9800 Controller	16.11.1
	Virtual Controller	8.9.100.0
	CME 4800/3800/2800/1800/1562	8.9.100.0
Applications	Prime Infrastructure(Virtual Appliance, UCS based)	3.6
	ISE(Virtual Appliance)	2.6
	APIC-EM Controller Appliance	1.6
	MSE(Physical (3365),VM)	8.0.140.0
	DNAC	1.3
	Cisco Jabber for Windows, iPhone	12.1.0
	Cisco Air Provisioning App	1.4
	CMX 3375(Physical Appliance)	10.6

コンポーネント一覧 (2)

カテゴリ	コンポーネント	バージョン
Access Points	Cisco AP 3700	15.3
	Cisco AP 2700	15.3
	Cisco AP 1700	15.3
	Cisco AP 1570	15.3
	Cisco AP 1562	15.3
	Cisco AP 1540/1530	15.3
	Cisco AP 702I	15.3
	Cisco AP 1850	15.3
	Cisco AP 1815W/1815I	15.3
	Cisco AP 1810 / 1830	15.3
	Cisco AP 4800	15.3
	Cisco AP 3800	15.3
	Cisco AP 2800	15.3
	Cisco 1100 ISR	16.11

コンポーネント一覧 (3)

カテゴリ	コンポーネント	バージョン
Switch	Cisco Catalyst 6509-E	15.1(1)SY1
	Cisco 3750V2 Switch	15.0(2)SE2
	Cisco Catalyst 9300 Switch	16.4.1
Chipset	5300, 6300 AGN	15.13.0.2
	7265 AC	19.51.10.1
	Airport Extreme	7.7
Clients	Operating System(JOS)	Windows 8 & 8.1 Enterprise Windows XP Professional Windows 10
	Apple Mac Book Pro（JP Locale）	Mac OS 10.14.1
	iPad Pro	iOS 12.2
	iPhone 6, 6S & 7（JP Locale）	iOS 12.2
	Samsung Galaxy S4 & S7, Nexus 6P, Sony Xperia XZ	Android 8.0
	Wireless IP Phone 8821	11-0-4-14

コンポーネント一覧（4）

カテゴリ	コンポーネント		バージョン
Active Directory	AD		Windows 2008R2Enterprise
Browsers	IE		11.0
	Mozilla Firefox		66.0
	Safari		12.1
	Chrome		73.0
Clients	Cisco AnyConnect VPN Client		4.6
	End points		Apple Mac OS 10.14.1 Windows 8, 8.1 & 10 iPhone 6,6S & 7 Samsung Galaxy S4, S7 & Nexus 6P
Antenna	Hyperlocation		NA
Access Point	Autonomous AP		15.3.3-JI3

新規機能 – AireOS

- Inter Release Controller Mobility (IRCM)

- Assurance – Sensor Client On-Boarding Failures & Times – WebAuth

- LAG support in Flexconnect

- New WLC 9800 support

- N + 1 Rolling AP Upgrade for full Controller Image upgrade

- SFTP Support

- Static Anchor WGB

- Lobby Ambassador

- Reboot APs by groups

- 1815 RLAN Features

- iPSK with P2P Blocking

- Mesh support on ALL Indoor wave 2 APS

- Ethernet VLAN tag on AP

- Internal DHCP Server

- Assurance - Sensor test Configuration – 11b, 11ac, # of spatial stream, certain 802.11 protocol

既存機能(1) − AireOS

- Intelligent Capture using+B1:B43 AP 2800/3800

- DNS Pre-auth ACLs Wave 2 Aps

- WGB Support for 2800/3800

- Default DSCP for AVC Profile

- Split Tunneling Support

- Private PSK

- 802.1x on Wave 2 AP (EAP –TLS, EAP-PEAP)

- MAB Bypass Support

- Passpoint R2 Flex Mode

- Passive Client ARP Unicast

- Selective Reanchor

- Network Assurance

- Roaming

- Multiple RADIUS server per SSID

- Dot1x and Web-Auth

- Autonomous AP

既存機能(2) − AireOS

- Flex Video stream

- Hyperlocation Module supports for AP 37XX

- Domain Based URL ACL

- ATF on Mesh

- EoGRE Tunnel Priority / Fallback

- TrustSec Enhancements

- Facebook Wifi

- Location Analytics

- Internal DHCP Server − 3504 WLC

- Monitor Mode support in Aps(1810/1815)

- HA WLC Auth/Authz

- DHCP Option 82 − Google

- Client Auth Failures(AAA Failures/WLC Failures)

- Intra/Inter WLC Roaming Failures(Ping Pong Issues)

- MIMO Coverage

- Flexconnect IOS Parity: Ethernet fallback

既存機能(3) – AireOS

- Flexconnect IOS Parity: AAA Override bi-directional rate limit per client/BSSID

- Flexconnect IOS Parity: AAA Override of VLAN Name template

- Better HA Monitoring and Management

- Limit clients per WLAN/Radio

- MFP support

- CMX Support

- IPv4 DNS Filtering for BYoD

- Aging Cases

- iPSK with P2P Blocking

- Mesh support on ALL Indoor wave 2 APS

- 1815 RLAN Features

- Ethernet VLAN tag on AP

- Internal DHCP Server

- Flexconnect IOS Parity: DHCP Option 60 Support

- Support for AP 4800

既存機能(4) – AireOS

- Intelligent Capture using AP 4800

- Mobility Converged access on 5520/8540 WLC

- LAG in transition restrictions

FY19Q1&Q2SR に関する試験項目(1)

- ap-datapath

- click-ap

- wlc-multicast

- mse

- wlc-aaa-infra

- wlc-os

- wlc-client-interop

- wlc-hreap

- wlc-capwap

- ap-dot11-mvl

- ap-encryption

- platform

- location

- ap-dot11-qca

- wlc-dot1x-wpa

- auto-ap-sw

FY19Q1&Q2SR に関する試験項目(2)

- wlc-ha

- wlc-hreap

- ap-platform-mvl

- wlc-wips-rogue

- ap-crash

- ap-platform-qca

- ap-datapath

- wlc-capwap

- wlc-webauth

- wlc-acl

- ap-ios

- ap-capwap

- ap-security

- wireless-general

- ap-radio

- wlc-rrm

FY19Q1&Q2SR に関する試験項目(3)

- ap-hreap

- ap-flex

- wlc-policy-byod

- ap-crash

- ap-tunnel

- ap-flex

- ap-wcp

- wlc-web

- ap-platform-mv1

- wlc-nmsp-tracking

- maps

- wlc-client-interop

- inventory

新規機能 – CME

- 1815 RLAN Features (including ME)

- Intelligent Capture

- Efficient AP join

- Authentication Survivability Support

- Passpoint Maintenance Support

既存機能(1) − CME

- Captive Portal with Internal, External

- TACACS

- Hotspot 2.0

- Mac filtering (for L2 security)

- AVC(AppRF)

- Lobby Ambassador

- Syslogs

- NAT

- Rogue AP

- ACL

- Internal DHCP Server

- DNS Based ACL Rules

- OpenDNS

- CME Crashes(DHCP/Troubleshootings)

- Client Auth Failures(AAA Failures/WLC Failures)

- Intra/Inter WLC Roaming Failures(Ping Pong Issues)

既存機能(2) – CME

- Master AP Failover Issues

- TLS Tunnel

- Maximum number of clients per WLAN/radio

- SNMP trap receivers

- CWA (Central Web Authentication)

- Bidirectional rate limit per client

- AAA Override of VLAN Name-id template

- iPSK with P2P Blocking

- 802.1x support with EAP-TLS and EAP-PEAP

- Ethernet Fallback

- Dynamic OUI update

- Software update using SFTP

- Import EAP certificate

- Capwap Image Conversion

- No reboot of AP when AP joins AP group

- ME AP convert to CAPWAP via DHCP Option

既存機能(3) – CME

- DNAC Support for ME

- CMX Support

- Aging Test Cases

- AP 4800 support

- SFTP Domain Name support

- ME GUI - MC2UC (Video streaming)

- mDNS Support

- EoGRE Support on ME

- Schedule WLAN Support

- Optimized Roaming

- Passive Client

- P2P Blocking

- PnP for Software Download in Day0

検証結果 – AireOS

対象コンポーネント	テスト項目	合格	不合格(*)	不具合(*)
新規機能	340	336	4	8
既存機能	1165	1119	46	44
FY19Q1&Q2SRに関する試験項目	225	225	0	0
合計	**1730**	**1680**	**50**	**54**

- ＊1つの不具合が複数のテスト項目に影響しているため、不合格の試験項目の数と不具合の数は一致しません。

検証結果 – CME

対象コンポーネント	テスト項目	合格	不合格(*)	不具合(*)
新規機能	232	222	9	11
既存機能	1080	885	15	15
合計	**1312**	**1107**	**24**	**26**

- ＊1つの不具合が複数のテスト項目に影響しているため、不合格の試験項目の数と不具合の数は一致しません。

Open Caveats – AireOS

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvp29106	WLC crashed due to "Reaper Reset"	2	WLC	wlc-os	未改修
CSCvp03741	System Crashed while De-authenticating client in spartan page	2	WLC	wlc-web-spartan	未改修
CSCvo66176	Able to create a RLAN with the both securities "802.1x" and "webauth" in eWLC	3	eWLC	ewlc-ap	未改修
CSCvo68151	Flex profile not deployed to device due to bad Value for VLAN ID	3	eWLC	ewlc-flex	未改修
CSCvo82644	Lobby user not able to access the eWLC GUI with lobby credentials using local auth	3	eWLC	http	未改修

Open Caveats - AireOS

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvo83170	Violation mode supporting for both host modes "multihost" and "multidomain"	3	eWLC	ewlc-ap	未改修
CSCvo85672	User can able to enable the Optimization for the monitor mode profiles in CLI	3	eWLC	ewlc-rrm	未改修
CSCvo98160	Stats-Timer is configured as default 0 after saving the Profile.	3	eWLC	web-ui-wireless	未改修
CSCvp36882	Media stream group created cannot be edited and throws error	3	eWLC	web-ui-wireless	未改修
CSCvp08946	User not able to enable the Layer3 Conditional-web-redirect security from CLI.	3	eWLC	ewlc-client	未改修

Open Caveats - AireOS

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvp13439	Association-comeback range should be 1-20 on the UI	3	eWLC	web-ui-wireless	未改修
CSCvp15750	Noticed the mismatch in Association comeback timeout in CLI	3	WLC	wlc-docs	未改修
CSCvp16047	Primary Discovery Timeout(sec) range mismatches with the warning/error message	3	eWLC	web-ui-wireless	未改修
CSCvp19512	Unable to Add/Remove mDNS profile with TACACS Controller user in WLC UI	3	WLC	wlc-web	未改修
CSCvp25235	WLAN from open to WPA+WPA2 and FT enabled loads continuously after clicking cancel	3	eWLC	web-ui-wireless	未改修

Open Caveats - AireOS

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvp26360	LAN port state enable/disable options not working in IOS AP 1702I from WLC UI	3	WLC	ap-ethernet	未改修
CSCvp26446	Circuit-id and remote-id is not returning correct value in SNMP for AP group name in eogre	3	WLC	wlc-eogre	未改修
CSCvp42144	Able to add Fabric Interface Configuration with TACACS.	3	WLC	wlc-web	未改修
CSCvn41110	Internal DHCP server accepting invalid Ending IP (Starting > Ending), which is not expected.	3	eWLC	web-ui-wired	未改修
CSCvn73683	WLAN page is continuously loading if we config scan defer time more than 60000ms	3	eWLC	web-ui-wireless	未改修

Open Caveats – AireOS

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvn78919	Unable to edit the At Least Multicast RAs & At Most Multicast RAs after creating RA Throttle Policy	3	eWLC	web-ui-wireless	未改修
CSCvn92851	No Option to configure AP Authentication , Attribute List Name and AP Policy in C9300 UI	3	eWLC	web-ui-wireless	未改修

Resolved Caveats – AireOS

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvn74050	System crash occurred while enabling pre-auth from CLI	2	WLC	wlc-capwap	改修済
CSCvo69682	System crash occurred while configuring hostmode as "multidomain" from WLC CLI	2	WLC	wlc-rrm	改修済
CSCvo70289	%SNMP-3-RESPONSE_DELAYED: processing GetNext of ciscoFlashFileEntry.2	3	WLC	swim	改修済

Open Caveats - CME

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvp21131	spamPreDownLoadInProgress in not reset to 0 after aborting predownload backup image for AP	2	CME	wlcap-flex	未改修
CSCvn94984	AP configuration are not clearing while performing day0 from CLI	2	CME	mob-exp-doc	未改修
CSCvn35348	Vlan's are recreating while deleting multiple VLAN's in mDNS	3	CME	wlc-web	未改修
CSCvn45186	Authentication Server is redirecting to AP even configured with External Radius	3	CME	wlc-web	未改修
CSCvn84824	QOS profile is not changing to configured state in ME UI	3	CME	wlc-web	未改修

Resolved Caveats – CME

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvk24417	ME getting crash after create and enable the RLAN	2	wlcap-flex	CME	改修済
CSCvn27795	DHCP pool status changing while enabling second Management Network	3	wlc-web	CME	改修済
CSCvn39144	Pre-auth ACL are not applicable to RLAN	3	wlc-web	CME	改修済
CSCvn71238	Apply button not working in Access Point edit page	3	wlc-web	CME	改修済