



# 日本市場向け

**Cisco Wireless LAN Controller 8.7 and Cisco  
Mobility Express 8.7**

**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 3504	8.7.102.0
	Wireless LAN Controller 5520	8.7.102.0
	Wireless LAN controller 8540	8.7.102.0
	Virtual Controller	8.7.102.0
	APIC-EM Controller Appliance	1.6
	ME 1852/1832/1815I	8.7.102.0
	ME 2800/3800	8.7.102.0
Applications	Prime Infrastructure(Virtual Appliance, UCS based)	3.4.0.0.248
	ISE(Virtual Appliance)	2.4
	Secure ACS(Virtual Appliance)	5.8.1
	MSE	8.0.140.0
	CMX, CMX Cloud	10.4

## 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 1600	15.3
	Cisco AP 1700	15.3
	Cisco AP 1540/1530	15.3
	Cisco AP 702I	15.3
	Cisco AP 1570/1562	15.3
	Cisco AP 1850	15.3
	Cisco AP 1830	15.3
	Cisco AP 1815W	15.3
	Cisco AP 3800	15.3
	Cisco AP 1815I	15.3
	Cisco AP 1810	15.3
	Cisco AP 2800/3800	15.3

# 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 Cat 6509-E	15.1(1)SY1
	Cisco 3750V2 switch	15.0(2)SE2
	Cisco Cat 9300	16.7.1
Chipset	5300, 6300 AGN	15.13.0.2
	7265 AC	19.10.0.9
	Airport Extreme	7.7
Clients	Operating System(JOS)	Windows 7 Enterprise Windows 8 & 8.1 Enterprise Windows XP Professional Windows 10
	Apple Mac Book Pro (JP Locale)	Mac OS 10.13.2
	iPad Pro	iOS 11.3(15E216)
	iPhone 6, 6S & 7 (JP Locale)	iOS 11.3(15E216)
	Samsung Galaxy S4 & S7, Nexus 6P, Sony Xperia XZ	Android 8.0
	Wireless IP Phone 8821	11-0-3-221

# 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	57.0
	Safari	11.0
	Chrome	63.0
Clients	Cisco AnyConnect VPN Client	4.5.03040
	End points	Windows 7 Enterprise Apple Mac OS 10.11.6 Windows 8, 8.1 & 10 iPhone 6,6S & 7 Samsung Galaxy S4, S7 & Nexus 6P
Antenna	Hyperlocation	NA

# 新規機能 – AireOS

- AP-Group Configuration CLI on AP IOS Parity: MFP support
- Flexconnect IOS Parity: Ethernet fallback
- Flexconnect IOS Parity: AAA Override bi-directional rate limit per client/BSSID
- Flexconnect IOS Parity: AAA Override of VLAN Name template
- Flexconnect IOS Parity: DHCP Option 60 Support
- Enhancement to High Availability Monitoring and Management
- Limit clients per Radio
- AP-Group Configuration CLI on APIOS Parity: MFP support
- CMX 10.4 Support
- IPv4 DNS Filtering for BYOD
- Assurance: In Line Monitoring

# 既存機能(1) – AireOS

- Support vWLC on Amazon Web Services (AWS) (SP WiFi)
- Private PSK
- Fabric Enable Wireless
- MAB Bypass Support
- Milos -PS/RF support
- Passpoint R2 Flex Mode
- Passive Client ARP Unicast
- Selective Reanchor
- Network Assurance
- AP 1815I, 1815 W & 1562I support
- High Availability & Monitoring HA
- Default flex group
- Roaming
- Multiple RADIUS server per SSID

## 既存機能(2) – AireOS

- Flex Video stream
- H-REAP Fault Tolerance
- WLC Home Page
- SSID Filtering
- EAP types
- Sensor Neighbor Info
- Hyperlocation Module supports for AP36XX and 37XX
- Domain Based URL ACL
- ATF on Mesh
- FlexConnect Mode Feature Parity with IOS APs
- LAG in transition restrictions
- WLAN security
- EoGRE Tunnel Priority / Fallback
- TKIP/ Enabler for Wave 2 - 1800/2800/3800 APs  
Passpoint
- Simplifying Cisco ISE Configuration on Cisco WLC -  
Phase 2



# 既存機能(3) – AireOS

- Facebook Wifi
- Location Analytics
- Autonomous AP
- Internal DHCP Server
- Dot1x and Web-Auth
- New Cisco WLC 3504 Support
- Monitor Mode support in AP(1810/1815)
- Mobility Converged access on 5520/8540 WLC
- 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 VLAN based Central switching
- TrustSec Enhancements

# FY18Q1SR に関する試験項目

- ap-multicast
- ap-datapath
- wlc-kernel
- ap-crash
- wlc-snmp
- platform
- ap-dot11-qca
- ap-build
- ap-radio
- ap-capwap
- ap-sniffer
- wlc-aaa-infra
- wlc-ha
- wireless-ap
- wlc-rrm
- wlc-pmipv6
- maps
- ap-client

# FY18Q2SR に関する試験項目(1)

- ap-hreap
- wlc-hreap
- mse\_platform
- i18n
- client\_mgnt
- wlc-dot1x-wpa
- wlc-regulatory
- ap-flex
- ap-fips
- wlc-rrm
- wlc-wips-rogue
- wlc-aaa-infra
- ap-radio
- wlc-policy-byod
- wlc-rrm
- maps
- wlc-forwarding
- ap-dot11-qca

# FY18Q2SR に関する試験項目 (2)

- ap-qos
- auto-ap-sw
- ap-capwap
- ncs-alarms
- wlc-kernel
- wlc-crypto-infra
- wlc-guestaccess
- wlc-aaa-infra
- wlc-OS
- wlc-ha
- ap-crash
- fault
- wlc-capwap
- wlc-logger
- ap-platform-qca

# 新規機能(1) – CME

- Custom AP Groups
- CME Crashes(DHCP/Troubleshooting)
- Client Auth Failures(AAA Failures/WLC Failures)
- Intra/Inter WLC Roaming Failures(Ping Pong Issues)
- Master AP Failover Issues
- TLS Tunnel
- Global AP configuration 802.1x
- SNMP trap receivers
- CCKM support in UI
- Multiple Syslog
- Preferred Master option in UI
- Aging cases
- Software update using SFTP
- Import EAP certificate
- PnP for Software Download in Day0

# 新規機能(2) – CME

- 802.1x support with EAP-TLS and EAP-PEAP
- Ethernet Fallback
- Dynamic OID update

# 既存機能(1) – CME

- ME support on AP1815I
- 1562I AP Support
- Hotspot 2.0
- Captive Portal with Clear Pass with Email Server & Web Consent
- TACACS
- Hidden SSID (stealth)
- Mac filtering (for L2 security)
- Advanced Menu in GUI
- AVC(AppRF)
- Serviceability: Operational troubleshooting Tools
- Lobby Ambassador
- Easy Migration to ME Network
- SSH Credentials for APs
- Network Management Analytics for ME per SSID

# 既存機能(2) – CME

- Syslogs
- NAT
- Rogue AP
- ACL
- Import/Export of Config
- Internal DHCP Server
- Video Streaming
- DNS Based ACL Rules
- OpenDNS



# 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	142	142	0	0
既存機能	1050	1012	38	38
FY18Q1SRに関する試験項目	87	87	0	0
FY18Q2SRに関する試験項目	157	157	0	0
<b>合計</b>	<b>1436</b>	<b>1398</b>	<b>38</b>	<b>38</b>

# 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	255	236	2	2
既存機能	740	685	44	44
合計	995	941	46	46

- ・ \* 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
CSCvh51372	Accepting Same IP address for multiple media stream after displaying error message in CLI	3	wlc	wlc-multicast	未改修
CSCvh53238	WLC not returning MIB values for Lobby Admin account	3	wlc	wlc-aaa-infra	未改修
CSCvi90562	CLI allowing to change MAC Filter WLAN ID as ANY	3	wlc	wlc-aaa-infra	未改修
CSCvi96766	CCX version for same client shown wrongly in 1810 and 1815 AP	3	click-ap	ap-dot11-qca	未改修
CSCvj08339	Barbados/Corsica AP's not reloading while enable/disable the 802.11g standard in WLC	3	click-ap	ap-capwap	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
CSCvj08974	Insufficient access to user when logged with selected privileges as configured in TACACS	3	wlc	wlc-aaa-infra	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
CSCvh12029	Crash log gets generated in WLC when 1562 AP gets joined	2	wlc	wlc-capwap	改修済
CSCvh65876	Unauthorized access for TACACS User with selected privileges in WLC	2	wlc	wlc-web	改修済
CSCvh24561	SXP Peer Ip is accepting network IP through CLI in AP global configuration	3	ap	ap-trustsec	改修済
CSCvh31058	Active hours under local policies shows incorrect time in WLC GUI	3	wlc	wlc-web	改修済

# Limitations - AireOS

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	備考
CSCvj11261	Packet capture is shown as started on the device but the files are not getting generated	2	click-ap	ap-serviceability	AP 1852では Packet Captureを未サ ポート

# 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
CSCvi96981	User unable to add Channel 165 for 80 and 160 MHz in ME UI	3	mobexp	wlc-web	未改修
CSCvh61417	ME 1562 name is showing as Cisco Wireless Controller in UI	3	mobexp	wlc-web	未改修
CSCvh65773	Radius server cannot be added to the WLAN/RLAN.	3	mobexp	wlc-web	未改修
CSCvi21091	Enabling show password for SSH tab is reflecting in 802.1x tab	3	mobexp	wlc-web	未改修
CSCvi35837	Cwa ACL Rule name is not displaying in Vlan & Firewall Tab	3	mobexp	wlc-web	未改修

# 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
CSCvi55283	Admin account displaying error message while creating new user in ME UI	3	mobexp	wlc-web	未改修
CSCvi65356	Pre Auth ACLs are not displaying when the user is in Read-Only access	3	mobexp	wlc-web	未改修
CSCvi74109	Adding Pre Auth ACLs IP rules when the user is in Read-only access	3	mobexp	wlc-web	未改修
CSCvi81672	CWA security policy changing to Open+Macfilter when user deleting and adding the Radius Server in ME	3	mobexp	wlc-web	未改修
CSCvi90865	Irrelevant error message is displayed during deletion of Guest wlan profile	3	mobexp	wlc-web	未改修



# 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
CSCvi90922	Unable to change security of WLAN profile when hs2 is configured	3	mobexp	wlc-web	未改修
CSCvj04336	ME is throwing improper error while enabling the sensor Provisioning	3	mobexp	wlc-web	未改修
CSCvg20696	User is not able to remove the radius server	3	mobexp	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
CSCvh04887	Configuration file not importing in ME using Japanese browser	2	mobexp	wlc-web	改修済
CSCvh17309	User is not able to test radius response for wlan with security type CWA via Troubleshooting tools	3	mobexp	wlc-web	改修済
CSCvh51157	Not possible to create the Domain and Realm name with special characters in 802.11u	3	mobexp	wlc-web	改修済
CSCvh51170	Enabling show password for 802.1x tab is reflecting in SSH tab	3	mobexp	wlc-web	改修済
CSCvi21178	Error in adding new Syslog server IP while creating the same series in ME UI	3	mobexp	wlc-web	改修済

# 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
CSCvh17235	WLAN Profile name length is mismatch between CLI and UI in ME	3	mobexp	wlcap-flex	改修済

# Limitations - CME

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	備考
CSCvh30911	WLAN security changed while deploying WLAN template from PI to CME	3	mobexp	wlc-web	CMEでは 802.1xを未サ ポート

