



# 日本市場向け

Cisco IOS XE 17.2 and Cisco EWC 17.2

# システム リリース テスト結果サマリ

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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	Cisco Catalyst 9800 Series Wireless Controller	17.2
	Cisco Catalyst 9800-CL	17.2
	Cisco Catalyst 9800-L Wireless Controller	17.2
	Cisco Embedded Wireless Controller on Catalyst Access Points (EWC)	17.2
	Wireless LAN Controller 8540	8.10.105.0
	Wireless LAN Controller 5520	8.10.105.0
	Wireless LAN Controller 3504	8.10.105.0
	CME 4800/3800/2800/1562/1850/1830	8.10.105.0
	Cisco Virtual Wireless Controller	8.10.105.0
Applications	Prime Infrastructure (Virtual Appliance, UCS based)	3.8.0.0.284
	ISE (Virtual Appliance)	2.7
	CMX (Physical (3375),VM)	10.6
	Cisco DNA Center	2.1.1.0
	MSE (Physical (3365),VM)	8.0.150.0
	APIC-EM Controller appliance	1.6
	Cisco Jabber for Windows, iPhone	12.6.0
	Cisco Air Provisioning App	1.4

# 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 Point	Cisco AP 9115	17.2
	Cisco AP 9120	17.2
	Cisco AP 9130	17.2
	Cisco 1100 ISR	17.2
	Cisco AP 4800/3800/2800	15.3
	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	

# 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 9300 Switch	17.2
	Cisco Cat 9200-L	17.2
	Cisco Cat 9800	17.2
	Cisco 3750-V2-switch	15.0(2)SE2
	Cisco Cat 6509-E	15.1(1)SY1
Chipset	5300, 6300 AGN	15.40.41.5058
	7265 AC	21.40.2
	Airport Extreme	7.9.1
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 10.15
	iPad Pro	iOS 13.3.1
	iPhone 6, 6S & 7 ,10(JP Locale)	iOS 13.3.1
	Samsung Galaxy S4 & S7, S10,Nexus 6P, Sony Xperia XZ	Android 10.0
	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
<b>Active Directory</b>	AD	Windows 2008R2Enterprise
<b>Browsers</b>	IE	11.0.11
	Mozilla Firefox	72
	Safari	13.0
	Chrome	79.0
<b>Clients</b>	Cisco AnyConnect VPN Client	4.8.175
	End points	Windows 7 Enterprise Apple Mac OS 10.15 Windows 8, 8.1 & 10 iPhone 6,6S & 7,10 Samsung Galaxy S4, S7,S10 & Nexus 6P, Sony Xperia XZ .
<b>Antenna</b>	Hyperlocation	NA
<b>Access Point</b>	Autonomous AP	15.3.3-JI3

# 新規機能 – IOS XE

- Multi LAG and Load Balancing based on VLAN and SSO
- Client logging
- Open Roaming
- BSSID Counters
- QBSS Load Information Element(IE)
- Opportunistic Key Caching
- TWT support on Axel AP
- Google: DHCP Required
- Client Whitelisting
- Flex LS Client IP Context Distribution from Controller
- WPA3 Support

# 既存機能 – IOS XE (1)

- Mesh & (Flex + Mesh) support on all 11ac Wave 2 Indoor APs
- WGB Support for C9115 AXI AP.
- mDNS Support for Wired Guest Access
- PSK + Multi Auth Support for Guest
- iPSK Peer to Peer Blocking
- Network Address Translation Support for Mobility Tunnel
- mDNS AP Support
- Intelligent Capture
- ISSU Enhancement(Zero downtime for Wireless N/W)
- Scheduled download of controller configuration from an external FTP/SFTP server
- SNMP trap receivers with SNMPv2 & SNMPv3
- EWLC Crashes(DHCP/Trouble shootings)
- OpenDNS Support for Flex
- TACACS
- Hotspot 2.0
- Mac filtering (for L2 security)

# 既存機能 – IOS XE(2)

- CMX Support
- Aging Test Cases
- MC2UC (Video streaming)
- mDNS Support
- Schedule WLAN Support
- Optimized Roaming
- WPA3 Support
- Opportunistic Wireless Encryption Support
- Best Practices WebUI
- Image Pre download
- Lobby Ambassador
- Syslogs
- Internal DHCP Server
- TLS Tunnel
- Maximum number of clients per WLAN/radio
- CWA (Central Web Authentication)
- Bidirectional rate limit per client
- AAA Override of VLAN Name-id template
- Software update using SFTP with SFTP Domain Name support



# 新規機能 – EWC

- APSP/APDP support in WebUI for EWLC-ME
- Fabric In A Box
- ME WLAN Simplification
- WGB client support on ME

# 既存機能 – EWC(1)

- PSK + Multi-auth Support
- EoGRE Support for ME
- iPSK Peer-2-Peer Blocking
- BSS Coloring on AX APs
- Scheduled Config Download
- CMX Parity for eWLC ME
- EWC Crashes(DHCP/Troubleshooting)
- TACACS
- Hotspot 2.0
- Mac filtering (for L2 security)
- Syslogs
- Internal DHCP Server
- OpenDNS
- Master AP Failover Issues
- TLS Tunnel
- Maximum number of clients per WLAN/radio
- SNMP trap receivers
- CWA (Central Web Authentication)

# 既存機能 – EWC(2)

- 802.1x support with EAP-TLS and EAP-PEAP
- Software update using SFTP and SFTP Domain Name support
- Capwap Image Conversion
- ME AP convert to CAPWAP via DHCP Option
- CMX Support
- Aging Test Cases
- MC2UC (Videostreaming)
- mDNS Support
- Optimized Roaming
- Intelligent Capture
- Bidirectional rate limit per client
- AAA Override of VLAN Name-id template

# FY20Q2 SR に関する試験項目(1)

- wlc-os
- ap-ios
- platform
- Mse
- ap-crash
- ap-mesh
- ap-dot11-qca
- ap-wcp
- ap-platform-mvl
- ap-dot11-mvl
- ap-airsense
- ap-flex
- ap-datapath
- barbados-hw
- guest-portals
- wlcap-flex
- ap-radio
- ap-debug

# FY20Q2 SR に関する試験項目(2)

- ap-serviceability
- ap-cdp-lldp
- platform.
- location
- ewlc-ap
- wlc-location
- wlc-license
- ap-gui
- eWLC
- Wave2 AP
- Apple Client
- wlc

# 検証結果 – IOS XE

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	143	138	5	4
既存機能	389	382	7	7
に関する試験項目	119	119	0	0
アドホックケース	3	0	3	3
合計	651	639	12	14

\* 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 - EWC

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	49	49	0	0
既存機能	319	318	1	1
アドホックケース	2	0	2	2
合計	370	367	3	3

\* 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。

# Resolved Caveats – IOS XE

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvt75752	ATF -Optimization status showing disable in Japanese GUI	3	web-ui-wireless	ewlc	改修済



# Open Caveats – IOS XE

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvt03729	Without SAE AKM user able to create a WLAN with WPA3-PSK SHA256 security.	3	ewlc	ewlc-client	未改修
CSCvt78675	Observed a crash in Cisco Catalyst 9800-80 Wireless Controller 17.2.1 : kernel.rp_2DA Core	2	ewlc	ewlc-client	未改修
CSCvt62485	Transition mode wlan id is configuring as default "0"	4	ewlc	web-ui-wireless	未改修
CSCvt32458	M4 packet is missing while connecting client to WPA2+WPA3 Mixed mode WLAN in local auth flexmode	3	ewlc	ewlc-client	未改修
CSCvt80745	Difficult to validate BSSID and other parameters	6	ewlc	ewlc-client	未改修

# Open Caveats – IOS XE

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvt05220	5GHz Radio status is not Enabled via fix it now button in best practice page	3	ewlc	web-ui-wireless	未改修
CSCvt75173	Unable to add/delete whitelist user with WLAN	3	ewlc	ewlc-aaa	未改修
CSCvt34942	Device type Un-classified in both UI & CLI	4	ewlc	device-classifier	未改修
CSCvt73441	Able to create WLAN with WPA+WPA2-PSK+CCKM AKM s.	3	ewlc	ewlc-client	未改修
CSCvt93222	Image Pre download happening after reactivating the APDP image from GUI	4	ewlc	ewlc-upgrade	未改修

# Resolved Caveats – EWC

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvt36036	config->vlan page is keep loading when landing to this page	3	web-ui-wireless	ewc	改修済

# Open Caveats – EWC

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCvt61099	Help link redirected to 404 page not found error under "Best Practice page" in eWC UI	4	ewc	ewlc-docs	未改修

