



# 日本市場向け

Cisco IOS XE 17.1 and Cisco EWC 17.1

# システム リリース 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	Cisco Catalyst 9800 Series Wireless Controller	17.1
	Cisco Catalyst 9800-CL	17.1
	Cisco Catalyst 9800-L Wireless Controller	17.1
	Cisco Embedded Wireless Controller on Catalyst Access Points (EWC)	17.1
	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
	DNAC	1.3.1
	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	17.1
	Cisco AP 9120	17.1
	Cisco AP 9130	17.1
	Cisco 1100 ISR	17.1
	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	17.1
	Cisco Cat 9200-L	17.1
	Cisco Cat 9800	17.1
	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
Active Directory	AD	Windows 2008R2Enterprise
Browsers	IE	11.0.11
	Mozilla Firefox	72
	Safari	13.0
	Chrome	79.0
Clients	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 .
Antenna	Hyperlocation	NA
Access Point	Autonomous AP	15.3.3-JI3

# 新規機能 – IOS XE

- ISSU
- DNA Assurance
- Catalyst 9800 Crashes(DHCP/Troubleshooting)
- PSK + Multi-auth Support
- mDNS Support for Wired Guest Ac
- NAT Support for Mobility Tunnel
- iPSK P2P blocking
- Open DNS
- RSSI and SNR in ASSOC request
- WGB
- Intelligent Capture
- Clean Air – Persistent Device
- DNAc support for IOS XE
- Support of Trap notification via SNMP3
- mDNS AP support
- Mesh and Flex+Bridge Support on all Indoor Wave 2 AP's
- Inter Release Controller Mobility
- Browser Rendering Coverage

# 既存機能(1) – IOS XE

- Captive Portal with Internal, External
- TACACS
- Hotspot 2.0
- Mac filtering (for L2 security)
- Lobby Ambassador
- Syslogs
- Internal DHCP Server
- TLS Tunnel
- Maximum number of clients per WLAN/radio
- SNMP trap receivers
- Software update using SFTP
- Aging Test Cases
- CMX Support
- AP 4800 support
- SFTP Domain Name support
- MC2UC (Videostreaming)
- mDNS Support
- Optimized Roaming

# 既存機能(2) – IOS XE

- Authentication Survivability Support
- WPA3 Support
- OWE Support
- Best Practices WebUI
- Image Pre-download.
- Image Download Method : HTTP Upload
- Bidirectional rate limit
- Calendar profile on CLI
- CWA (Central Web Authentication)
- AAA Override of VLAN Name-id template



# 新規機能 – EWC

- EWC HA
- PSK + Multi-auth Support
- EoGRE Support for ME
- iPSK Peer-2-Peer Blocking
- BSS Coloring on AX Aps
- Lobby Admin- MAC
- Scheduled Config Download
- IOS XE WebUI enhancements - Phase 2
- DNAC Support for EWC
- CMX Parity for EWC
- Browser Rendering Coverage
- EWC Crashes(DHCP/Troubleshooting)
- EWC Day0 Elimination

# 既存機能(1) – EWC

- TACACS
- Hotspot 2.0
- Mac filtering (for L2 security)
- Syslogs
- NAT
- Rogue AP
- Internal DHCP Server
- OpenDNS
- 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
- 802.1x support with EAP-TLS and EAP-PEAP
- Software update using SFTP
- Capwap Image Conversion

# 既存機能(2) – EWC

- ME AP convert to CAPWAP via DHCP Option
- CMX Support
- Aging Test Cases
- SFTP Domain Name support
- MC2UC (Video streaming)
- mDNS Support
- Schedule WLAN Support (Calendar Profile on CLI)
- Optimized Roaming
- Authentication Survivability Support
- Intelligent Capture

# FY20Q1 SR に関する試験項目(1)

- ap-flex
- ap-datapath
- ap-dot11-mvl
- polaris-ha-infra
- web-ui-wireless
- wlc-capwap
- ap-platform-qca
- ap-oeap
- Service-Health
- inventory
- ewlc-rrm
- ap-client
- credential\_profile
- backup-restore
- wireless-rogue
- high\_availability
- ap-platform-mvl
- ap-crash

# 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	319	314	5	2
既存機能	328	323	6	5
FY20Q1 SRに関する試験項目	101	100	1	1
合計	748	737	12	8

\* 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	232	227	5	6
既存機能	269	268	1	1
合計	501	495	6	7

\* 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 – 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
CSCvs41888	Configuration backup & restore is not working via SFTP GUI Transfer mode	3	ewlc	Web-ui-wireless	未改修
CSCvs43516	Observed memory leakage in C9800-L-C-K9	3	ewlc	Web-ui-wireless	未改修
CSCvs50296	mDNS service policy not able to configure in LocalPolicy->ServiceTemplate in IOS XE	3	ewlc	web-ui-wireless	未改修
CSCvs53410	Client TDL auth_key_mgmt unmarshal fails causing not loading for open security client	3	ewlc	web-ui-wireless	未改修
CSCvs23453	Not able to configure MFP configuration through helping guide navigation in IOS XE UI	3	ewlc	ewlc-docs	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
CSCvs78121	NMSP_SSL_ERROR_DISCONNECT message is flooded in IOS XE	4	ewlc	ewlc-platform	未改修
CSCvs61119	Required Password encryption for config files in IOS XE	6	ewlc	ewlc-platform	未改修



# 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
CSCvs21281	AP 1810 Crash due to OOM, apsw_watchdog: apsw_watchdog about to reboot with reason: oom	2	Click-ap	ap-airsense	改修済
CSCvr33062	Samsung s10 client not able to connect to the WPA2+WPA3-SAE+PSK+FT PSK+PSK-SHA2 Mixed mode.	2	ewlc	ewlc-client	改修済
CSCvs53376	File Manager Options Not Working in Japanese UI.	3	ewlc	web-ui-wired	改修済
CSCvs21105	Update & Apply to device button is not working after configure Ft-PSK with WPA2+WPA3 in GUI.	3	ewlc	web-ui-wireless	改修済
CSCvs29345	Observed error like "Error in Configuring WLAN" while modifying WLAN Configuration	3	ewlc	web-ui-wireless	改修済

# 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
CSCvs32392	User can able to create a WLAN with WPA3-PSK security without WPA2.	3	ewlc	web-ui-wireless	改修済
CSCvs59816	Pre-shared key option is not showing in GUI for PSK-SHA256.	3	ewlc	web-ui-wireless	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
CSCvs43415	Observed 9115 AP crash	2	click-ap- 11ax	ap-hw	未改修

