



# 日本市場向け

**Cisco IOS XE 17.9 and Cisco EWC 17.9**

# 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	17.9
	Cisco Catalyst 9800-CL	17.9
	Cisco Catalyst 9800-L Wireless Controller	17.9
	Cisco Embedded Wireless Controller on Catalyst Access Points (EWC)	17.9
Applications	Cisco DNA Center	2.3.3
	Cisco DNA Spaces	Cloud(Jun 2022)
	Cisco DNA Space Connector	2.3.3
	Prime Infrastructure (Virtual Appliance, UCS based)	3.9.0.0
	ISE (Virtual Appliance)	3.1
	Cisco Jabber for Windows, iPhone	14.1
	Cisco Air Provisioning App	1.7.4
	Cisco Wireless App	1.1.113

# 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	17.9
	Cisco AP 9120	17.9
	Cisco AP 9130	17.9
	Cisco AP 9105	17.9
	Cisco AP 4800	15.3
	Cisco AP 1100 ISR	17.9
	Cisco AP 1810	15.3
	Autonomous AP	15.3.3-JI3
Switch	Cisco Cat 9300	17.8
	Cisco Cat 9200-L	17.8
	Cisco Cat 9800	17.8
	Cisco 3750-V2-switch	15.0(2)SE2
	Cisco Cat 6509-E	15.1(1)SY1

# 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
Chipset	5300, 6300 AGN	15.40.41.5058
	7265 AC	21.40.2
	Airport Extreme	7.9.1
Clients	Operating System(JOS)	Windows 8 & 8.1 Enterprise Windows XP Professional Windows 10 & 11
	Apple Mac Book Pro (JP Locale)	Mac OS 11.5
	iPad Pro	iOS 15.1
	iPhone 6, 6S & 7 ,10(JP Locale)	iOS 14.2
	Samsung Galaxy S4 & S7, S10,Nexus 6P, Sony Xperia XZ	Android 11.0
	Wireless IP Phone 8821	11.0.4-14
Active Directory	AD	Windows server 2022

# 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
Browsers	IE	11.0
	Mozilla Firefox	106.0.5
	Safari	16.1
	Chrome	107.0.5304.107
Clients	Cisco AnyConnect VPN Client	4.10.01
	End points	Windows 7 Enterprise Apple Mac OS 10.15 Windows 8.1 & 10 Windows 11 iPhone 6,6S & 7,10,11 Samsung Galaxy S4, S7,S10 & Nexus 6P, Sony Xperia XZ .
Antenna	Hyperlocation	NA

# 新規機能 – IOS XE

- Web GUI Client 360 View should display additional client information
- Critical KPIs on AP 360: Rogue AP view with channel width
- Walkme for Usage and Troubleshooting
- N+1 Hitless Upgrade - Site based Upgrade
- eWLC C9800 TACACS Accounting Logs for GREEN operations
- Rolling AP Upgrade.
- WPA3 enhancements - FT SAE support
- C9800 QOS Gaps and Fixes
- Scheduling of SSID broadcast
- eWLC Standby Monitoring: LLDP

# 既存機能- IOS XE (1)

- 11ax Advanced traffic based scheduler for scheduling SU, OFDMA and MU traffic on 9105/9115/9120
- 11ax BSS Coloring(OBSS PD) on 9105/9115/9120 APs
- 4800: 3rd Radio in Monitor Mode (IOS-XE)
- 9800 feature requests to select cipher-suite to be used for localauth PEAP
- 9800-CL licensing enhancements for better tracking of 9800-CL in production deployments
- Ability to configure XOR radio for APs in Sniffer mode
- Adaptive Load EDCA Parameter(Giga School)
- AP Tags needs to be preserved
- Called Station ID with AP Ethernet MAC
- Capability to enable/disable 11ax features per SSID
- CLI boot system statement needs clarification
- COS AP packet tracer phase 2
- Dot1x+EWA on mac Failure
- Easy PSK:WLAN Client Onboarding w/o registration
- Efficient AP Image Upgrade for eWLC
- Enhanced PnP for workflow support (AP dependency)
- HA Management - Interface Status of the Standby through the Active using SNMP
- HA SSO RMI

# 既存機能- IOS XE (2)

- Intelligent AP auditing on WLC
- iPSK Peer to Peer Blocking
- Knob to disable Random MAC Clients
- Link local bridging support
- MAC Address Consistency
- Mesh faster forced client roaming
- Need support for TrustSec SGT inline tagging over port channel uplink
- OEAP URL based ACLs for split tunnel
- Per AP Group NTP Server Config
- Smart Licencing
- SSID per radio on Dual 5G
- SUDI 2099 certificate support on 9800
- Provide alert mechanism on web-ui for critical events on controller
- Per client Bidirectional rate limiting, flex local switching(CSCvx15523)
- Open RRM
- Support 11k/v across wncd instances
- Regulatory Domain Reduction
- PSK + Mult Auth Support for Guest



# 既存機能- IOS XE (3)

- SFP support with C9800
- To share Client Delete reason code at AP to controller
- Usability CLI Enhancement request
- WebUI: WLAN/AAA/ACL Simplification
- WPA3 Supporting 'Transition Disable'

# 新規機能- EWC

- FIPS/CC support for EWC
- Regulatory Domain Reduction - Phase 2
- WPA3 enhancements - FT SAE support
- WebGui Client 360 View should display additional client information
- QOS Gaps and Fixes.
- Walkme for Usage and Troubleshooting
- Local EAP Authentication
- Support Scheduling of SSID broadcast

# 既存機能- EWC (1)

- Support 11k/v across wncd instances EWC
- 11ax Advanced traffic based scheduler for scheduling SU, OFDMA and MU traffic on 9105/9115/9120
- C9105 EWC AP Support
- Called Station ID with AP Ethernet MAC
- Dot1x+EWA on mac Failure
- Ethernet VLAN tag on AP
- EWC Day0 Elimination
- iPSK Peer-2-Peer Blocking
- Knob to disable Random MAC Clients
- MAC Address Consistency
- Optimized Roaming
- Parallel Download
- PSK + Multi-auth Support
- Regulatory Domain Reduction
- RRM assurance for granular reasons for power and channel change
- smart licencing
- SSID per radio on Dual 5G

# 既存機能- EWC (2)

- TACACS
- WPA3 Supporting 'Transition Disable'
- To share Client Delete reason code at AP to controller

# FY22Q3 SR に関する試験項目

- wlc-web, wlc-rrm
- wlc-os, wlc-multicast
- platform, maps
- wlc-kernel, wlc-dot1x-wpa
- wlc-hreap, wlc-capwap
- wlcap-flex, Config
- ap-radio, ap-qos
- ap-platform, ap-ios
- ap-hreap, ap-dot11
- ap-datapath, ap-bootloader
- ap-capwap
- ap-rrm

# 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	152	135	13	18
既存機能	757	749	8	7
SRCFD	121	117	4	1
合計	1030	1001	25	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。

# 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	200	144	56	20
既存機能	402	401	1	4
合計	602	545	57	24

\* 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(1)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwc10345	Configuration Mesh- Issue with new site tag configuration	3	ewlc	ewlc-docs	未改修
CSCwc13690	Policy Type is not showing for Without AKM Security Type in Client Page	3	ewlc	ewlc-client	未改修
CSCwc13748	Monitoring - AAA Page Show me how is not navigating	3	ewlc	ewlc-docs	未改修
CSCwc05284	Wlan operation successful even after warning / AKM not updating after Encryption type changed	3	ewlc	web-ui-wireless	未改修
CSCwc33187	Manage Syslog Servers - Buffer size is not getting configured properly	3	ewlc	web-ui-wireless	未改修
CSCwc46686	Wlan Security : WPA-TKIP type warning message is showing in WPA3 Encryption Type	4	ewlc	web-ui-wireless	未改修



# Resolved Caveats – IOS XE(2)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwc04023	Walkme - Language dropdown needs to be hidden from walkme popup	4	ewlc	ewlc-docs	未改修
CSCwc09309	Unable to save configuration of WPA+WPA2 after configuring WPA3- OWE Configuration	4	ewlc	web-ui-wireless	未改修
CSCwc13796	WLAN- Add to Policy Tags Page loading occurs after give delete to unselecting Policy tags	4	ewlc	web-ui-wireless	未改修
CSCwb98330	OWE- transition mode wlan id is showing range as (1-4096)	4	ewlc	web-ui-wireless	未改修
CSCwc51240	AP Statistics : Overlapping of Radio Role with Admin Status in 360 View	4	ewlc	web-ui-wireless	未改修
CSCwc06838	Wlan WPA2 Encryption is aligned improperly in Japanese UI	5	ewlc	web-ui-wireless	未改修

# Resolved Caveats – IOS XE (3)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwc24129	Walkme: Wireless Debug Analyzer is overlapped on Last Run Result	5	ewlc	ewlc-docs	未改修
CSCwc31572	AKM options and Password eye were misaligned in WLAN Layer 2 Security	5	ewlc	web-ui-wireless	未改修
CSCwb99803	Cursor is showing like Clickable in AP Operational Configuration Viewer- Access Points	6	ewlc	web-ui-wireless	未改修

# Open Caveats – IOS XE(1)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwc47842	Unable to connect to client with WPA3 FT+SAE Security	2	ewlc	ewlc-client	未改修
CSCwc47820	Unable to connect client With WPA2 FT+PSK Security	2	ewlc	ewlc-client	未改修
CSCwc44450	Site tag configuration flow is overlapping to other controller	3	ewlc	ewlc-docs	未改修
CSCwc33909	JA Locale: Flow issue in Flex Profile page in Japanese UI	3	ewlc	ewlc-docs	未改修
CSCwc13144	Configuring AAA server with "show me how" the button is repeating with the flow	3	ewlc	ewlc-docs	未改修
CSCwc21470	Web Auth Parameter map Name creating with spaces is accepting without any warning.	3	ewlc	ewlc-docs	未改修

# Open Caveats – IOS XE(2)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwc06573	Wlan Security -AKM is not updating correctly after changing the WPA2 Encryption type	3	ewlc	web-ui-wireless	未改修
CSCwc33730	While configuring flex profile the flow has stopped at VLAN	3	ewlc	ewlc-docs	未改修
CSCwc24111	Top Applications pie chart in Client 360 view getting misplaced	4	ewlc	web-ui-wireless	未改修
CSCwc14069	WLAN - Clicking on Empty Space near Status and Broadcast SSID changes enable/disable status	4	ewlc	web-ui-wireless	未改修
CSCwc11508	Policy Tag: Able to delete wlan-policy maps without enabling checkbox after cancelling	4	ewlc	web-ui-wireless	未改修

# Resolved Caveats – EWC(1)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwc14047	Policy Profile - QoS and AVC Tab is not showing properly	3	ewlc	web-ui-wireless	未改修
CSCwc09126	Local web auth - create user credentials issue	3	ewlc	ewlc-docs	未改修
CSCwc12049	eWC UI: Rogue config buttons is overlapping on failures & timer , clearly not visible	4	ewlc	web-ui-wireless	未改修
CSCwc05335	Dashboard - Overview dashlets issue	4	ewlc	web-ui-wireless	未改修
CSCwb92214	AP join profile dialog box - navigate to issue	4	ewlc	web-ui-wireless	未改修
CSCwb92879	Different Data is showing for Image Type in AP Statistics	4	ewlc	web-ui-wireless	未改修

# Resolved Caveats – EWC(2)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwc24120	All Access Points refresh notification is overlapped on Current Active	5	ewlc	web-ui-wireless	未改修

# Open Caveats– EWC(1)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwc18806	Able to configure MPSK Priority 2 without configuring Priority 0	2	ewlc	ewlc-multi-psk	未改修
CSCwc01838	Configure 802.1x auth - Radius server and add radius server to server issues	3	ewlc	ewlc-docs	未改修
CSCwc04120	Walkme - configure 802.1x auth - Configure Authentication Methods and Configure a WLAN issues	3	ewlc	ewlc-docs	未改修
CSCwc09122	Walkme - Local web auth - create and assign policy tag issues	3	ewlc	ewlc-docs	未改修
CSCwc05304	Configure 802.1x auth - Assign the policy tag issue	3	ewlc	ewlc-docs	未改修
CSCwc04211	Walkme - configure 802.1x auth - Configure policy profile and policy tag issues	3	ewlc	ewlc-docs	未改修

# Open Caveats– EWC(2)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwc01661	JA Locale : Walkme - Security-AAA configuration flow	3	ewlc	ewlc-docs	未改修
CSCwc09113	Local web auth - Web Auth and Authentication method issues	3	ewlc	ewlc-docs	未改修
CSCwc09114	Local web auth - wlan and policy profile issues	3	ewlc	ewlc-docs	未改修
CSCwb99585	Walkme - Navigation for policy profile, policy tag & site tag issue	3	ewlc	ewlc-docs	未改修
CSCwb99428	Walkme - Security-AAA configuration flow issue	3	ewlc	ewlc-docs	未改修
CSCwb99676	Walkme - policy profile creation flow is not fully complete	3	ewlc	ewlc-docs	未改修



# Open Caveats– EWC(3)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwc17843	Configuring Flex Connect - configure a site tag flow also seen in Policy and RF tabs	3	ewlc	ewlc-docs	未改修
CSCwc06773	Policy profile -VLAN/VLAN Group Info icon navigating to not existing pages	4	ewlc	web-ui-wireless	未改修
CSCwc33726	Monitor command is duplicated in CLI	4	ewlc	ewcap-platform	未改修
CSCwc09144	CLI - User-cred password - showing same UNENCRYPTED user password twice	5	all	ewlc-aaa	未改修
CSCwb99351	Able to Enable a Policy profile without central authentication in CLI	6	ewlc	ewcap-platform	未改修

