



日本市場向け Cisco IOS XE 17.12 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	17.12
	Cisco Catalyst 9800-CL	17.12
	Cisco Catalyst 9800-L Wireless Controller	17.12
	Cisco Embedded Wireless Controller on Catalyst Access Points - 9120(EWC)	17.12
Applications	Cisco DNA Center	2.3.7
	Cisco Spaces	Cloud(June 2023)
	Cisco Space Connector	2.3.4 and 3.0
	Prime Infrastructure (Virtual Appliance, UCS based)	3.10
	ISE (Virtual Appliance)	3.2
	Cisco Jabber for Windows, iPhone	14.1.5
	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 9166	17.12
	Cisco AP 9164	17.12
	Cisco AP 9124	17.12
	Cisco AP 9130	17.12
	Cisco AP 9120	17.12
	Cisco AP 9115	17.12
	Cisco AP 9105	17.12
	Cisco AP 4800	15.3
	Cisco AP 1100 ISR	17.12
	Autonomous AP	15.3.3-JI3
Chipset	5300, 6300 AGN	15.40.41.5058
	7265 AC	21.40.2
	Airport Extreme	7.9.1

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 9300	17.12
	Cisco Cat 9200-L	17.12
	Cisco 3750-V2-switch	15.0(2)SE2
	Cisco Cat 6509-E	15.1(1)SY1
Clients	Operating System(JOS)	Windows 10
	Apple Mac Book Pro (JP Locale)	Mac OS 13
	MS surface GO	Windows 10 & 11
	iPad Pro	iOS 16
	iPhone 6, 6S & 7, 10(JP Locale), 14 Pro	iOS 16
	Samsung Galaxy S22 Ultra, S4 & S7, S10,Nexus 6P, Sony Xperia XZ, Google Pixel 7 Pro	Android 13.0
	Wireless IP Phone 8821	11.0.5

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 server 2022
Browsers	IE	11.0
	Mozilla Firefox	115.0.2
	Safari	16.5
	Chrome	115.0.5790
Clients	Cisco AnyConnect VPN Client	4.10.07061
	End points	Apple Mac OS 12.6.3 Windows 10 Windows 11 iPhone 6,6S & 7,10,11, 14 Pro Samsung Galaxy S22 Ultra, S4, S7,S10 & Nexus 6P, Sony Xperia XZ, Google Pixel 7 Pro
Antenna	Hyperlocation	NA

新規機能 – IOS XE

- Interferer Recording [CleanAir Pro]
- Configuring Transition Mode and Pure WPA3 (6-GHz) on the Same WLAN Profile
- Ease of Debugging
- Rogue Channel Width
- Access Point Auto Location Support
- Archive less than 1 day
- Intelligent Capture (iCAP) Hardening
- KPIs for AP Health Via the Controller and AP
- Rogue PMF
- Cisco Catalyst 9800 Wireless Controller for Cloud - Ultra-Low Profile
- New Countries Supporting 6-GHz Radio Band
- Embedded Packet Capture Enhancement

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
- Ability to configure XOR radio for APs in Sniffer mode
- Calendar profile enhancements
- Device classification enhancement
- Dot1x+EWA on MAC Failure
- EasyPSK Phase 2 : WLAN Client Onboarding without Registration (local switching)
- Out-of-Band AP Image Download
- Enable AP fallback to primary, secondary or tertiary controllers under AP Join Profile
- Enhancement in client steering during Rolling AP Upgrade
- EWC support for WiFi6 APs
- Reload Reason History
- HA SSO RMI
- Intelligent AP auditing on WLC
- Intelligent Capture OTA Sniffer Device Work
- Convert Redundant 2.4-GHz Radios to Monitor Mode
- IP Theft on 9800 WLC [Central Mode of operation]

既存機能- IOS XE (2)

- N+1 Hitless Upgrade - Site based Upgrade
- Network Service Analytics : DNS/DHCP/AAA server reachability via IPSLA and Failure reasons for AAA/DHCP
- New Device Support for 9164/9166 AP
- OEAP URL based ACLs for split tunnel
- Open RRM
- Per client Bidirectional rate limiting, flex local switching
- Wireless Client Latency Statistics
- PER SSID filtering for assurance on Cat9800
- Provide alert mechanism on web-ui for critical events on controller
- PSK + Multi Auth Support for Guest
- Rolling AP Upgrade Enhancements
- Scheduling of SSID broadcast
- Smart Licencing
- SSID per radio on Dual 5G
- Secure Data Wipe
- To share Client Delete reason code at AP to controller
- New AAA Command
- Wireless Troubleshooting on DNAC - AP Troubleshooting Workflow

既存機能- IOS XE (3)

- Wireless Troubleshooting on DNAC - Multi WLC Log collection
- WPA3 SAE client exclusion optimization for local mode
- WPA3 Supporting 'Transition Disable'

FY22Q4 and FY23Q1 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	275	263	12	28
既存機能	731	727	4	13
SRCFD	201	201	0	1
合計	1207	1191	16	42

* 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
CSCwf23392	Troubleshooting CleanAir Pro - Spectral Capture Issue	2	ewlc	web-ui-wireless	改修済
CSCwf35587	Export Option is not working AP Statistics & Clients	2	ewlc	web-ui-wireless	改修済
CSCwf37578	Events : Export to Excel is not working	2	ewlc	web-ui-wireless	改修済
CSCwf42050	Spectral capture-Channel number ranges for 1-233 for all band types	3	all	ewlc-rrm	改修済
CSCwf53826	Not able to Configure Dual-Band Radio of AP9166	3	ewlc	web-ui-wireless	改修済
CSCwf61491	Walkme : QOS Client Policy Notification Not Visible Properly	3	ewlc	ewlc-docs	改修済

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
CSCwf68764	Walkme : While Configured OpenRoaming Server showing Miss position in Policy profile	3	ewlc	ewlc-docs	改修済
CSCwf52454	Dev Code is seen for debug wireless bundle client abort in cli	3	ewlc	ewlc-client	改修済
CSCwf66220	Not able to delete DHCP options list	3	ewlc	web-ui-wireless	改修済
CSCwf58415	Multiple issues observed in Guest Lan profile configuration	3	ewlc	web-ui-wireless	改修済
CSCwf57089	Walkme : popup Hides the Group Type dropdown In AAA Authentication	3	ewlc	ewlc-docs	改修済
CSCwf64441	Walkme-While Configure ANQP Server Roaming Organization Identifier Error Box doesn't shown properly	3	ewlc	ewlc-docs	改修済

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
CSCwf62671	Unable to delete files in bootflash	3	ewlc	web-ui-wireless	改修済
CSCwf93706	Throughput value is differ from help document and UI while configuring RRM 6GHz/5GHz/2.4GHz network	3	ewlc	ewlc-docs	改修済
CSCwf30656	Walkme - While configuring policy profile Central Switching shows as Disable Mode	3	ewlc	ewlc-docs	改修済
CSCwf36254	Walkme : Error message is shown for configure global mesh workflow	3	ewlc	ewlc-docs	改修済
CSCwf68752	Walkme Indicates policy profile openRoaming Creation Success Even when UI Message Indicates Warning	3	ewlc	ewlc-docs	改修済
CSCwf36262	Walkme : While Configure Channel Number is Disappeared In Static Tx power for APs	3	ewlc	ewlc-docs	改修済

Resolved Caveats – IOS XE(4)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwf69055	6GHz and Dual-band radios configuration issue	3	ewlc	web-ui-wireless	改修済
CSCwf28350	AP Join Profile name help content needs to be modified	4	ewlc	ewlc-docs	改修済
CSCwf28455	Max Client Connections Help content valid range should be as per UI	4	ewlc	ewlc-docs	改修済
CSCwf28527	AP Join Profile Client default values needs to be modified in help content	4	ewlc	ewlc-docs	改修済
CSCwf67245	Configure mDNS Active query timer range, default value should shown in UI	4	ewlc	web-ui-wireless	改修済
CSCwf72439	Add button is overlapped into CTS authorization list drop down	4	ewlc	web-ui-wireless	改修済

Resolved Caveats – IOS XE(5)

DDTS ID	タイトル	Severity	製品	機能/ コンポーネント	ステータス
CSCwf23543	Overlap issue in Bulk AP Provisioning	4	ewlc	web-ui-wireless	改修済
CSCwf24697	i icon is overlapped into enable toggle switch	5	ewlc	web-ui-wireless	改修済

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
CSCwf51279	Unable to take eWLC UI after Image Upgrade	1	ewlc	ewlc-upgrade	未改修
CSCwf71287	Upgrading Controller resulted in crash	1	ewlc	ewlc-upgrade	未改修
CSCwf71559	eWLC UI : Documents in help page for Bulk AP provisioning are not available or missing	3	ewlc	ewlc-docs	未改修
CSCwf74022	Walkme While Adding RADIUS Server moves to success window without allowing additional configuration	3	ewlc	ewlc-docs	未改修
CSCwf74023	Walkme : While Configure AAA Authentication Method List Type Showing Error Message	3	ewlc	ewlc-docs	未改修
CSCwf74020	Walkme : Indicates AAA Radius Server Creation Success Even when UI Message Indicates 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
CSCwf79479	Unable to create Rogue AP Rules with "Delete State"	3	ewlc	web-ui-wireless	未改修
CSCwf72585	AKM parameters should be hidden for Static WEP configuration	4	ewlc	web-ui-wireless	未改修
CSCwf96239	Able to edit Channel Width under Global Assignment Method	4	ewlc	web-ui-wireless	未改修
CSCwf63309	JA Locale: Observed multiple issues when user admin account is created with Japanese characters	4	ewlc	web-ui-wireless	未改修
CSCwf96250	PING <ip> command is working in Command Line Interface of UI	4	ewlc	web-ui-wireless	未改修
CSCwf24083	WLAN Wizard Bulk Import overlapping issue observed	5	ewlc	web-ui-wireless	未改修

Open 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
CSCwf94993	Overlap & Misalignment issues - Flex profile.	5	all	web-ui-wireless	未改修
CSCwf56797	Apply to device button is not visible properly in DHCP Pools in low resolution	5	ewlc	web-ui-wireless	未改修
CSCwf87431	Flex >> Vlan Delete button issue	5	ewlc	web-ui-wireless	未改修
CSCwf47716	Need UI support for Improve EPC on 9800 feature	6	ewlc	web-ui-wireless	未改修

