



日本市場向け

Cisco IOS XE 17.10 and Cisco EWC 17.10

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

2023 年 1 月

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	17.10
	Cisco Catalyst 9800-CL	17.10
	Cisco Catalyst 9800-L Wireless Controller	17.10
	Cisco Embedded Wireless Controller on Catalyst Access Points (EWC)	17.10
Applications	Cisco DNA Center	2.3.4
	Cisco DNA Spaces	Cloud(Oct 2022)
	Cisco DNA Space Connector	2.3.3
	Prime Infrastructure (Virtual Appliance, UCS based)	3.9.0.0
	ISE (Virtual Appliance)	3.1.0
	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 9115	17.10
	Cisco AP 9120	17.10
	Cisco AP 9130	17.10
	Cisco AP 9105	17.10
	Cisco AP 4800	15.3
	Cisco AP 1100 ISR	17.10
	Cisco AP 1810	15.3
	Autonomous AP	15.3.3-JI3
Switch	Cisco Cat 9300	17.9
	Cisco Cat 9200-L	17.9
	Cisco Cat 9800	17.9
	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 10
	Apple MacBook Pro (JP Locale)	Mac OS 13
	iPad Pro	iOS 16
	iPhone 6, 6S & 7 ,10(JP Locale)	iOS 16
	Samsung Galaxy S4 & S7, S10,Nexus 6P, Sony Xperia XZ	Android 13
	MS Surface GO	Windows 10 & 11
	Wireless IP Phone 8821	11.0.5
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	108.0.1
	Safari	16.1
	Chrome	108.0.5359.125
Clients	Cisco AnyConnect VPN Client	4.10.05111
	End points	Apple Mac OS 11.2.1 Windows 10 & 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

- Walkme for Usage and Troubleshooting
- Wireless Troubleshooting on DNAC - AP Troubleshooting Workflow
- Wireless Troubleshooting on DNAC - Multi WLC Log collection
- Scheduling of SSID broadcast
- N+1 Hitless Upgrade - Site based Upgrade
- Network Service Analytics : DNS/DHCP/AAA server reachability via IPSLA and Failure reasons for AAA/DHCP
- Device classification enhancement
- Enable AP fallback to primary, secondary or tertiary controllers under AP Join Profile
- Critical KPIs on AP 360: Rogue AP view with channel width [Device dependency]
- Rolling AP Upgrade Enhancements

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
- 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
- AP Tags needs to be preserved
- C9800 QOS Gaps and Fixes
- Called Station ID with AP Ethernet MAC
- CLI boot system statement needs clarification
- COS AP packet tracer phase 2
- Critical KPIs on AP 360: Rogue AP view with channel width
- Dot1x+EWA on MACFailure
- Efficient AP Image Upgrade for eWLC
- Enhanced PnP for workflow support (AP dependency)
- eWLC C9800 TACACS Accounting Logs for GREEN operations
- eWLC Standby Monitoring: LLDP
- HA SSO RMI

既存機能- IOS XE (2)

- Intelligent AP auditing on WLC
- Knob to disable Random MAC Clients
- 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 client Bidirectional rate limiting, flex local switching
- Provide alert mechanism on web-ui for critical events on controller
- PSK + Mult Auth Support for Guest
- Smart Licencing
- SSID per radio on Dual 5G
- SUDI 2099 certificate support on 9800
- Open RRM
- Support 11k/v across WNCD instances
- To share client delete reason code at AP to controller
- Usability CLI Enhancement request
- WebGui Client 360 View should display additional client information
- Rolling AP Upgrade

既存機能- IOS XE (3)

- WPA3 enhancements - FT SAE support
- WPA3 Supporting 'Transition Disable'

新規機能- EWC

- Wireless Troubleshooting on DNAC - AP Troubleshooting Workflow
- Wireless Troubleshooting on DNAC - Multi WLC Log collection
- WPA3 enhancements - FT SAE support
- QOS Gaps and Fixes
- Walkme for Usage and Troubleshooting
- Device classification enhancement
- Enable AP fallback to primary, secondary or tertiary controllers under AP Join Profile

既存機能- EWC (1)

- 11ax Advanced traffic based scheduler for scheduling SU, OFDMA and MU traffic on 9105/9115/9120
- Local EAP Authentication
- Called Station ID with AP Ethernet MAC
- Dot1x+EWA on MAC Failure
- FIPS/CC support for EWC
- EWC Day0 Elimination
- 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
- Support 11k/v across WNCD instances EWC
- Per client Bidirectional rate limiting, flex local switching

既存機能- EWC (2)

- WPA3 Supporting 'Transition Disable'
- Open RRM
- Anchored SSID support on EWC
- WebGui Client 360 View should display additional client information
- To share Client Delete reason code at AP to controller

FY22Q3 SR に関する試験項目

- ewlc-client, ewlc-sanet-policy
- ap-avc, ap-nbar
- ewlc-cpp-dp, ewlc-rrm
- ap-dot11-qca, ap-capwap
- ewlc-ap, ewlc-aaa
- ap-dot11-bcm, ap-dot11-qca11ax
- apic_wireless_maps, secure-key-agent
- smart_agent, smart_agent_c
- network-health, ssm-onprem
- qwlc-platform, wlc-rrm
- ap-flex-auth, ap-rhl
- ewlc-icap-ap, ewlc-cpp-dp
- ewlc-mobility, ewlc-tme-docs
- ap-dot11-mvl
- ssh, web-ui-wireless
- ap-datapath, ap-sys-infra

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	174	126	48	29
既存機能	666	652	14	18
SRCFD	192	192	0	1
合計	1032	970	62	48

* 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	112	102	10	13
既存機能	417	412	3	9
合計	529	514	13	22

* 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
CSCwc74440	Critical process crash issue observed while configuring Flex Profile	2	ewlc	web-ui-wireless	改修済
CSCwc60972	Wireless Setup ->Advanced: Show Me How assistance is showing for another page configuration	3	ewlc	ewlc-docs	改修済
CSCwc71119	Walkme - Configuring QoS - Configuring Custom QoS Profile issues	3	ewlc	ewlc-docs	改修済
CSCwc71282	Walkme: Flow is continuing after exiting in configuring Mesh Ap- Site Tag Configuration	3	ewlc	ewlc-docs	改修済
CSCwc73139	Walkme - Configuring QoS - Assigning QoS Profile to Policy Profile issue	3	ewlc	ewlc-docs	改修済
CSCwc75362	File Manager ->List View layout issue	3	ewlc	web-ui-wireless	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
CSCwc76842	Open Security ->PMF state does not update	3	ewlc	web-ui-wireless	改修済
CSCwc60856	All Access Points ->Edit AP page is not closing automatically	4	ewlc	web-ui-wireless	改修済
CSCwc62874	Unable to add/edit/delete pcap while other pcap is active	4	ewlc	web-ui-wireless	改修済
CSCwc93947	JA Locale: Unable to see BSS Color configuration details under 11ax parameters in japanese locale	4	ewlc	web-ui-wireless	改修済
CSCwc94154	Open Roaming - Roaming Organisational Identifier delete issue	4	ewlc	web-ui-wireless	改修済
CSCwc96330	Help guide has to be update for PMf and Fast Transition is not supported for Open security	4	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
CSCwd01003	WPA-TKIP type warning message is showing in WPA3 Encryption Type for wlan security	4	ewlc	web-ui-wireless	改修済
CSCwd08501	General data successfully applied message is seen for every page	4	ewlc	web-ui-wireless	改修済
CSCwd09130	ANQP Servers creation issues	4	ewlc	web-ui-wireless	改修済
CSCwd25753	WLAN WPA Policy AKM is not showing properly after unselecting WPA2 Policy	4	ewlc	web-ui-wireless	改修済
CSCwc65110	Add Site Tag ->Load error validation needs to be modified	5	ewlc	web-ui-wireless	改修済
CSCwc72977	Error validation shows vice-versa for Client Reset Count and Client utilization threshold	5	ewlc	web-ui-wireless	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
CSCwc75383	Error validation is showing twice for Power Profile	5	ewlc	web-ui-wireless	改修済
CSCwc77382	OSU Provider Secondary Method is not properly visible in OpenRoaming page	5	ewlc	web-ui-wireless	改修済
CSCwc95613	WLANs ->Eye icon alignment issue and clicking issue observed	5	ewlc	web-ui-wireless	改修済
CSCwd00680	WLAN Security-AKM Checkbox misalignment issue	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
CSCwc99441	walkme flow issue:when try to configure policy profile for open roamin	3	ewlc	ewlc-docs	未改修
CSCwc96319	802.1X, FT + 802.1X and 802.1X-SHA256 information is not available for WPA Parameters	3	ewlc	ewlc-docs	未改修
CSCwc73144	JA Locale : Walkme - Configuring QoS flow issues	3	ewlc	ewlc-docs	未改修
CSCwd00669	JA Locale: Walkme Radioactive trace with CLI Flow issue	3	ewlc	ewlc-docs	未改修
CSCwd10767	JA Locale : Walkme - Configuring WAN Metrics and Beacon Parameters flow is not working	3	ewlc	ewlc-docs	未改修
CSCwc99411	walk me: user credentilas are not created but flow showing successfully created	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
CSCwc95435	JA Locale : Walkme - Configuring OI Alias flow is not working	3	ewlc	ewlc-docs	未改修
CSCwc99434	misalignment of flow while assigning policy tag to ap with the help of walkme	3	ewlc	ewlc-docs	未改修
CSCwc99396	show me help guide: duplicating the same in wireless>advanced & wireless setup>advanced page	3	ewlc	ewlc-docs	未改修
CSCwd10768	JA Locale : Walkme - Configuring Authentication and venue and 3GPP/Operator flow issue	3	ewlc	ewlc-docs	未改修
CSCwc70090	Showing an error while configuring psk authentication through walkme-thru option.	3	ewlc	ewlc-docs	未改修
CSCwc96389	Ap Join profile flow is not working with walkme through option	3	ewlc	ewlc-docs	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
CSCwd00659	JA Locale: Walkme Radioactive trace with GUI Flow issue	3	ewlc	ewlc-docs	未改修
CSCwc63295	Configuration Authentication method - Issue with the flow	3	ewlc	ewlc-docs	未改修
CSCwc95492	Without Wi-Fi Protected Access and 802.1x wlan should enable for open security	3	ewlc	ewlc-client	未改修
CSCwd18847	eWLC: Client is not able to show the per client pc-analytics reports	3	ewlc	ewlc-device-eco	未改修
CSCwd09144	Walkme : Beacon Parameters flow misalignment issue	3	ewlc	ewlc-docs	未改修
CSCwc64573	JA Locale : Walkme Flow Issue in configuring a WLAN	3	ewlc	ewlc-docs	未改修

Open 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
CSCwc73130	JA Locale : Walkme - Configuring Open Roaming Profile and NAI Realms issue	3	ewlc	ewlc-docs	未改修
CSCwc71023	Walkme : Define a Web Auth Configuration Issue	4	ewlc	ewlc-docs	未改修
CSCwc90227	JA Locale : Show me how is not available in Advanced page	4	ewlc	ewlc-docs	未改修
CSCwc60735	Wireless Setup ->Advanced: Observed alignment issues for every tags & profiles	4	ewlc	web-ui-wireless	未改修
CSCwc90120	CLI - misplacement of priming info in show command	4	ewlc	ewlc-upgrade	未改修
CSCwd00790	Help guide has to be update for special characters in SSID Preshared key	4	ewlc	ewlc-docs	未改修

Open 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
CSCwc96386	Static WEP security Showing AKM when changed from other security	5	ewlc	web-ui-wireless	未改修
CSCwd08462	Misalignment in Keep Alive Timer in redundancy page in both english and japanese locale	5	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
CSCwc64330	Wireless Setup Basic ->After adding wlan location creation gets failed (Caused by CSCwb92525)	3	ewlc	web-ui-wireless	改修済
CSCwd09756	Location profile webpage is not loading for Wireless Setup ->Basic	3	ewlc	web-ui-wireless	改修済
CSCwc64380	eWC: Able to configure 6ghz slot configuration for rf tag	4	ewlc	web-ui-wireless	改修済
CSCwc71677	Able to configure empty quotes for any profile	4	ewlc	web-ui-wireless	改修済
CSCwd04110	User name is not accepting special character % while creating user administration profile	4	ewlc	web-ui-wireless	改修済
CSCwd06540	Flex Profile ->IP Overlap and PMK Propagation should not configure for eWC	4	ewlc	web-ui-wireless	改修済

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
CSCwd09158	VLAN Page is loading forever if navigated from AAA Server page navigation key	4	ewlc	web-ui-wireless	改修済
CSCwc64344	Unable to search for Backup & Restore in Search Menu Items	5	ewlc	web-ui-wireless	改修済
CSCwc69875	Statistics Timer and TCP MSS Configuration wrong hidden default parameters are showing	5	ewlc	web-ui-wireless	改修済
CSCwc84381	Policy tag, webauth -> Alignment and scroll bar missed issues observed	5	ewlc	web-ui-wireless	改修済
CSCwc64402	AP Join Profile Name length, Weak RSSI and Detection Time needs to update	6	ewlc	ewlc-docs	改修済
CSCwc65109	Help guide: ASCII characters maximum allowed range needs to be modified for every profile creation	6	ewlc	ewlc-docs	改修済

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
CSCwd10769	Walkme - Configuring OpenRoaming is available in EWC	2	ewlc	ewlc-docs	未改修
CSCwd25378	JA Locale : Walkme - Configure a policy profile flow issue	3	ewlc	ewlc-docs	未改修
CSCwd30892	JA Locale : Walkme - Flow continues without creating profile in Configure 802.1x Authentication	3	ewlc	ewlc-docs	未改修
CSCwd05424	Walkme Issue- while configuring a site tag	3	ewlc	ewlc-docs	未改修
CSCwd25708	Walkme - Configure a policy profile flow is not continuing	3	ewlc	ewlc-docs	未改修
CSCwd30785	JA Locale : Walkme - Security - AAA configuration flow issue	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
CSCwc64545	EWC: Walkme - Configure a Wlan flow issue	3	ewlc	ewlc-docs	未改修
CSCwd04366	Unable to delete user , Name created with %%	4	ewlc	web-ui-wireless	未改修
CSCwc61192	Auth Key Mgmt parameters are showing for Static WEP	5	ewlc	web-ui-wireless	未改修

