



日本市場向け

Cisco Wireless LAN Controller 8.8 and Cisco Mobility Express 8.8

システム リリース テスト結果サマリ

テスト結果サマリ

シスコシステムズ合同会社

2018年11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 | Wireless LAN Controller 8540 | 8.8.100.0 |
| | Wireless LAN Controller 5520 | 8.8.100.0 |
| | Wireless LAN Controller 3504 | 8.8.100.0 |
| | Virtual Controller | 8.8.100.0 |
| | CME 4800/3800/2800/1800/1562 | 8.8.100.0 |
| Applications | Prime Infrastructure(Virtual Appliance, UCS based) | 3.5.0.0.235 |
| | ISE(Virtual Appliance) | 2.5 |
| | APIC-EM Controller Appliance | 1.6 |
| | MSE(Physical (3365),VM) | 8.0.140.0 |
| | Cisco DNA Center | 1.2 |
| | Cisco Jabber for Windows, iPhone | 11.9.1 |
| | Cisco Air Provisioning App | 1.4 |
| | Cisco Wireless App | 1.0.228 |
| | CMX, CMX Cloud | 10.5 |

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 Points | 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 1830 | 15.3 |
| | Cisco AP 1815W/1815I | 15.3 |
| | Cisco AP 1810 | 15.3 |
| | Cisco AP 4800 | 15.3 |
| | Cisco AP 3800 | 15.3 |
| | Cisco AP 2800 | 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 6509-E | 15.1(1)SY1 |
| | Cisco 3750V2 Switch | 15.0(2)SE2 |
| | Cisco Catalyst 9300 Switch | 16.9 |
| Chipset | 5300, 6300 AGN | 15.13.0.2 |
| | 7265 AC | 19.51.10.1 |
| | Airport Extreme | 7.7 |
| 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 10.14.1 |
| | iPad Pro | iOS 11.4.1(15G77) |
| | iPhone 6, 6S & 7 (JP Locale) | iOS 11.4.1(15G77) |
| | Samsung Galaxy S4 & S7, Nexus 6P, Sony Xperia XZ | Android 8.0 |
| | 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 |
| | Mozilla Firefox | 62.0 |
| | Safari | 11.0.2 |
| | Chrome | 68.0 |
| Clients | Cisco AnyConnect VPN Client | 4.6 |
| | End points | Windows 7 Enterprise Apple Mac OS 10.14.1 Windows 8, 8.1 & 10 iPhone 6,6S & 7 Samsung Galaxy S4, S7 & Nexus 6P |
| Antenna | Hyperlocation | NA |

新規機能 – AireOS

- DNS Pre-auth ACLs Wave 2 APs
- Intelligent Capture
- Default DSCP Value for AVC Profile
- Split Tunneling
- Cisco Wave 2 APs as Workgroup Bridges
- Flex+Mesh Support
- Identity PSK with Peer-to-Peer Blocking
- AP acting as supplicant with EAP-FASTv1 and 802.1X authentication
- CMX 10.5 Support

既存機能(1) – AireOS

- Private PSK
- MAB Bypass Support
- Passpoint
- Passive Client ARP Unicast
- Selective Re-anchor
- Network Assurance
- Roaming
- Multiple RADIUS Server Per SSID
- Dot1x and WEB-Auth Support
- Autonomous AP
- Flex Video streaming
- Hyperlocation Module supports for AP 3702
- Domain Based URL ACL
- ATF On Mesh
- EoGRE Tunnel Priority / Fallback
- IPv4 DNS Filtering for BYOD

既存機能(2) – AireOS

- TrustSec Enhancements
- Facebook WiFi
- Location Analytics
- Internal DHCP Server
- Monitor Mode support in APs(1810/1815)
- Mobility Converged access on 5520/8540 WLC
- HA WLC Auth/Authz
- DHCP Option 82 - Google
- Client Auth Failures(AAA Failures/WLC Failures)
- MIMO Coverage
- Flexconnect IOS Parity: Ethernet fallback
- Flexconnect IOS Parity: AAA Override bi-directional rate limit per client/BSSID
- Flexconnect IOS Parity: AAA Override of VLAN Name template
- Flexconnect IOS Parity: DHCP Option 60 Support
- High Availability & Monitoring HA

既存機能(3) – AireOS

- Limit clients per Radio
- MFP support
- Aging Cases

FY18Q3SR に関する試験項目

- ap-qos
- wlc-rrm
- ap-datapath
- ap-flex
- platform
- ap-radio
- ap-ios
- ap-bootloader
- wlc-dot1x-wpa
- client_mgnt
- config
- ap-platform-qca
- wlc-hreap
- polaris-ap
- ap-crash
- ap-hreap
- Platform
- ap-capwap

FY18Q3SR に関する試験項目(1)

- wlc-os
- wlc-web
- wlc-multicast
- wlc-capwap
- ap-dot11-qca
- wlc-kernel
- maps
- ap-platform-mvl
- wlc-spectrum
- ap-dfs

新規機能(1) – CME

- Conversion of AP type default configuration from CAPWAP to Cisco Mobility Express
- AP 4800 Support
- Optimized Roaming
- AP does not reboot when it joins an AP group
- DHCP option 43 support for conversion of AP from Cisco Mobility Express to CAPWAP image
- Support for Ethernet over GRE (EoGRE) tunneling
- Schedule WLAN
- ME GUI – MC2UC (Video streaming)
- Bonjour chromecast support
- Cisco DNA Center Support for ME
- CMX 10.5 Support
- Aging Test Cases

既存機能(1) – CME

- Captive Portal with Email address and Web Consent
- TACACS
- Hotspot 2.0
- MAC filtering (for L2 security)
- AVC
- Lobby Ambassador
- CME Guest Login
- PI support for ME
- Syslog
- NAT
- Rogue AP
- ACL
- Internal DHCP Server
- Video Streaming
- DNS Based ACL Rules
- OpenDNS

既存機能(2) – CME

- Client Auth Failures(AAA Failures/WLC Failures)
- Intra WLC Roaming Failures(Ping Pong Issues)
- Master AP Failover Issues
- TLS Tunnel
- Maximum number of clients per WLAN/Radio
- Passive client-ARP
- SNMP trap receivers
- CWA (Central Web Authentication)
- Bidirectional rate limit per client
- RLAN support for APs with multiple Ethernet ports
- AAA Override of VLAN Name / VLAN Name-id template
- P2P Blocking
- Global AP configuration & 802.1x support with EAP-TLS and EAP-PEAP

既存機能(3) – CME

- Dynamic OUI update
- Software update using SFTP
- Import EAP certificate
- PnP for Software Download in Day0
- CME Crashes(DHCP/Troubleshooting)
- Custom AP Groups
- Ethernet Fallback

検証結果 - AireOS

| 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 | 148 | 145 | 3 | 3 |
| 既存機能 | 441 | 410 | 31 | 34 |
| FY18Q3SRに関する試験項目 | 135 | 134 | 1 | 2 |
| 合計 | 724 | 689 | 35 | 39 |

- ・ * 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 - CME

| 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 | 332 | 313 | 19 | 21 |
| 既存機能 | 827 | 794 | 33 | 36 |
| 合計 | 1159 | 1107 | 52 | 57 |

- ・ * 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 - AireOS

| DDTS ID | タイトル | Severity | 製品 | 機能/ コンポーネント | ステータス |
|------------|--|----------|-----|----------------|-----------------|
| CSCvj74163 | Monitor mode should not be allowed for AP1542 | 3 | wlc | wlc-rrm | 未改修 (8.9で修正) |
| CSCvj93292 | IOS AP is changing to sensor mode without WSA enabled from AP console | 3 | ap | ap-wsa | 未改修 (8.9で修正) |
| CSCvk03093 | Access to Intelligent Capture parameter is different in Read only user | 3 | wlc | wlc-web | 未改修 (8.9で修正) |
| CSCvk26409 | OEAP ACL rule is creating when given with invalid subnet mask. | 3 | wlc | wlc-web | 未改修 (8.9で修正) |
| CSCvk52187 | Unable to configure TGW list with TACACS controller user in WLC UI | 3 | wlc | wlc-eogre | 未改修 (8.9で修正) |

Open Caveats - AireOS

| DDTS ID | タイトル | Severity | 製品 | 機能/ コンポーネント | ステータス |
|------------|---|----------|----------|----------------|-----------------|
| CSCvk23585 | Output of show flex client url-acl not displayed properly in AP CLI | 4 | click-ap | ap-capwap | 未改修 (8.9で修正) |

Resolved Caveats - AireOS

| DDTS ID | タイトル | Severity | 製品 | 機能/ コンポーネント | ステータス |
|------------|---|----------|-----|----------------|-------|
| CSCvj78824 | Controller getting crash due to invalid URL in Network Assurance server | 2 | wlc | wlc-wsa | 改修済 |
| CSCvj68796 | Unable to filter out Multicast Group Client Details under Monitor page | 3 | wlc | wlc-web | 改修済 |
| CSCvk07124 | All APs are changing the floor when user select particular AP in Export Bulk AP | 3 | ncs | maps | 改修済 |

Open Caveats - CME

| DDTS ID | タイトル | Severity | 製品 | 機能/ コンポーネント | ステータス |
|------------|---|----------|--------|----------------|-----------------|
| CSCvk03882 | Sensor mode AP coming as FlexConnect after ME forced failover | 2 | mobexp | ap-flex | 未改修 (8.9で修正) |
| CSCvk12422 | ME Controller rebooting twice after LSC AP Auth State to 802.1x port authentication /both | 2 | mobexp | wlcap-flex | 未改修 (8.9で修正) |
| CSCvk13835 | Sensor mode APs is not downloading the image after master failover | 2 | mobexp | ap-flex | 未改修 (8.9で修正) |
| CSCvk68911 | Day0 CLI manually configured Time not reflecting same in day1 ME 1800/4800 | 2 | mobexp | wlcap-flex | 未改修 (8.9で修正) |
| CSCvk32119 | User admin state changes as per the schedule when WLAN is created after scheduled hours | 3 | mobexp | wlcap-flex | 未改修 (8.9で修正) |

Open Caveats - CME

| DDTS ID | タイトル | Severity | 製品 | 機能/ コンポーネント | ステータス |
|------------|--|----------|--------|----------------|-----------------|
| CSCvk23248 | ME controller rebooting twice after changing the LSC AP Auth configuration in UI | 3 | mobexp | wlc-web | 未改修 (8.9で修正) |
| CSCvk05680 | WLAN admin status not changing from current to expected when changes made during Schedule interval | 3 | mobexp | wlcap-flex | 未改修 (8.9で修正) |
| CSCvk20402 | Last reset details not showing after reset/upgrade/downgrade | 3 | mobexp | wlcap-flex | 未改修 (8.9で修正) |
| CSCvk41500 | Hotspot is enabling with Open/Guest security after change from WPA Enterprise | 3 | mobexp | wlc-web | 未改修 (8.9で修正) |
| CSCvk47740 | Pre-auth ACLs are not configuring for RLAN in ME UI | 3 | mobexp | wlc-web | 未改修 (8.9で修正) |

Open Caveats - CME

| DDTS ID | タイトル | Severity | 製品 | 機能/ コンポーネント | ステータス |
|------------|---|----------|--------|----------------|-----------------|
| CSCvk25119 | Radius server status mismatch in admin accounts and WLAN page | 3 | mobexp | wlc-web | 未改修 (8.9で修正) |
| CSCvk26607 | Global Multicast is disabling after ME reset | 3 | mobexp | wlcap-flex | 未改修 (8.9で修正) |
| CSCvm17545 | 2.4 GHz band and Optimized roaming not disabling together in UI | 3 | Mobexp | wlc-web | 未改修 (8.9で修正) |
| CSCvm17349 | AP is rebooting with "ap-type capwap" command even AP is in capwap type | 3 | Mobexp | ap-capwap | 未改修 (8.9で修正) |
| CSCvm24712 | Scheduling hours are applied for first WLAN and not reflected for second WLAN | 3 | mobexp | wlcap-flex | 未改修 (8.9で修正) |

Open Caveats - CME

| DDTS ID | タイトル | Severity | 製品 | 機能/ コンポーネント | ステータス |
|------------|--|----------|--------|----------------|-----------------|
| CSCvm50951 | WLAN created in CLI and Multicast disabled from UI, QOS value is always set to Platinum | 3 | mobexp | wlc-web | 未改修 (8.9で修正) |
| CSCvm65289 | Able to add/delete IP rules and URL rules in security settings tab for Read-only user in ME UI | 3 | mobexp | wlc-web | 未改修 (8.9で修正) |

Resolved Caveats - CME

| DDTS ID | タイトル | Severity | 製品 | 機能/ コンポーネント | ステータス |
|------------|--|----------|--------|----------------|-------|
| CSCvj69146 | CME reloads unexpectedly in a loop due to PMALLOC_DOUBLE_FREE (capwap_ac_sm.c) | 2 | mobexp | wlc-capwap | 改修済 |
| CSCvj96736 | Not possible to change the sensor mode AP details after edit in ME | 2 | mobexp | wlc-web | 改修済 |
| CSCvj92674 | Failed to execute the ME CLI commands very first time under mob-exp | 3 | mobexp | wlcap-flex | 改修済 |
| CSCvj65028 | Mismatch in configuring RRC parameters under media-stream between UI and CLI | 3 | mobexp | wlc-web | 改修済 |
| CSCvj53266 | Services and RF-profile page details are showing in standard view page | 3 | mobexp | wlc-web | 改修済 |

Resolved Caveats - CME

| DDTS ID | タイトル | Severity | 製品 | 機能/ コンポーネント | ステータス |
|------------|--|----------|--------|----------------|-------|
| CSCvj70836 | "show system slabtop" command not showing the system details | 3 | mobexp | ap-pi-infra | 改修済 |

