Avaya WLAN 8100
Readme

Software Release 1.0.3

Version 01.01

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Software Release 1.0.3.0

Release Date: November 2011

Purpose: Software maintenance release to address externally found customer issues.

Platforms Supported

Avaya WLAN 8100 (all models).

Important Notices

Avaya Inc has acquired the Enterprise Solutions business from Nortel. This acquisition includes the WLAN 8100 and software described in this document. During the transition of all assets and support infrastructure of products and services to Avaya, Nortel provides certain infrastructure support. As such, you will find the Nortel name, and pointers to Nortel support locations on the Internet being referenced intermixed with Avaya in this document.

Notes for Upgrade

Please see Upgrade Guide and Release Notes for the WLAN 8100 Series Switch Software Release 1.0.3.0 available at ***http://support.avaya.com***.

NOTE: Downgrade of 1.0.3 to prior releases will not preserve wireless configuration. It is strongly recommended to take a full backup of running configuration of A-MDC before performing any upgrade procedure.

File names for this Release

The following table describes the file names for release 1.0.3.0

Module or file Type	Description	File name	Size in bytes
WC image	WC and AP combined image	wc8180_1.0.3.009s.img	49M
WMS	WMS Windows build	WLAN8100_WMS_1.0.3.0_Windows.exe	227M
WMS	WMS Linux build	WLAN8100_WMS_1.0.3.0_Linux.bin	236M

Version of Previous Release

Software Version 1.0.2.0, 1.0.1.0 and **1.0.0.0**.

Compatibility

This software is managed with Wireless Management System (WMS) 1.0.3.0.

Changes in this Release

The following are feature changes in this release:

New features in this Release

There are no new features in this release.

Features removed from this Release

There are no features removed from this release.

Resolved Issues

The following are known issues resolved in the current software release.

CR Number	Description
Wireless Controller	
wi00850690	MAC address with Odd number first byte is being recognized as multicast MAC address
wi00892277	default data-rates fails in radio profiles in certain conditions
wi00892672	Vlan Membership management (VMM) request from AP fails
wi00897949	Radius task crashes in WC when duplicate reply was received
wi00927971	Radius: runs out of buffer after a period of time, client's cannot authenticate
wi00933973	Clients simulated appear to be disconnected about every 8 hours
wi00934744	wlanRfScanTask Crash: WCP critical error, rebooting...
wi00934740	If enable/disable tspec from a radio profile, it will not push the change to other peer controllers
wi00934762	Scaling: Two of the 15 WCes failed to sync-up config
Roaming	
wi00934743	Roaming: Phones sometimes take 30-60 seconds to roam
Captive Portal	
wi00934729	CP: Rebooting the WC, the CP https-port goes to default value and max-bandwidth values change
wi00934731	CP: Acceptance policy msg > than 500 chrs when pushed via WMS, crashes the controller
wi00934751	CP: Executing "block" command on AMDC does not drop users authenticated to BMDC
wi00934753	CP: WMS can't push customization locale configuration after image customization

CR Number	Description
wi00934755	CP: captive-portal custom image file gets removed in out-of-sync
wi00934758	CP: When client roams from AMDC to BMDC the roam is success, but fails roaming from Bmdc>Amdc
wi00934759	Captive-portal task fell into the infinite loop while CP client roaming/authentication happen
wi00934694	Power down ADMC - captive-portal client info was not transferred to new AMDC
wi00934723	Controller crash - Task Name: emWeb
wi00934726	Client attributes are not retained when captive portal client roams.
CLI	
wi00934734	CLI: Client association VAP entry does not refresh when roaming from Amdc to Bmdc
wi00934742	CLI: DFS channels shows "No" for radar detection required.
wi00934760	CLI: WCS command prompt hangs when executing the Captive portal command
wi00934283	Software change to support Diag image download from PPC CLI
Access Point	
wi00934746	AP radio:wlan0/wlan1 are not working properly on APs
wi00934748	APs remain unstable in a multi-controller domain
wi00934750	default data-rates fails in radio profiles in certain conditions
wi00934663	Clients simulated via Veriwave appear to be disconnected about every 8 hours
wi00934756	Vlan Membership Management (VMM) request from AP failed
WMS	
wi00934761	WMS: Cannot set static channels on non-US APs
wi00934764	WMS: avWlanAPDeniedAdmissionToMDNoLicense Trap is not been received in WMS
wi00934765	WMS: IE 7.0 having problem Monitoring and Configuration on 1.0.2.9 build

Known Issues

The following known issues are present in the current software release.

Please refer to the Outstanding Issues section of the Release Notes for WLAN 8100 Software Release 1.0.0.0.

CR Number	Description
WMS	
wi00934285	Do not delete /backup , /logs, /lsm folders during uninstall o
wi00934287	WMS should support receiving V1 trap
wi00934749	WMS - Diffserv "Remove All" Policy Classifiers function only removes last one

Known Limitations

There are no additional limitations found in this release.

Please refer to the **Known Limitations** section of the Release Notes for WLAN 8100 Software Release 1.0.0.0.

Documentation Corrections

There are no documentation corrections for this release.

Software Release 1.0.2.0

Release Date: May 2nd, 2011

Purpose: Software maintenance release to address externally found customer issues.

Platforms Supported

Avaya WLAN 8100 (all models).

Important Notices

Avaya Inc has acquired the Enterprise Solutions business from Nortel. This acquisition includes the WLAN 8100 and software described in this document. During the transition of all assets and support infrastructure of products and services to Avaya, Nortel provides certain infrastructure support. As such, you will find the Nortel name, and pointers to Nortel support locations on the Internet being referenced intermixed with Avaya in this document.

In prior releases, the Access Point (AP) can crash and reboot or crash recursively and stay disconnected from WC when a client moves away from AP during WMM power save. This behaviour is exhibited only if the client goes to WMM power save mode and moves away from AP during PS.

This is resolved in the 1.0.2.0 release. (wi00877308).

Notes for Upgrade

Please see Upgrade Guide and Release Notes for the WLAN 8100 Series Switch Software Release 1.0.2.0 available at *__http://support.avaya.com__*.

NOTE: Downgrade of 1.0.2 to prior releases will not preserve wireless configuration. It is strongly recommended to take a full backup of running configuration of A-MDC before performing any upgrade procedure.

File names for this Release

The following table describes the file names for release 1.0.2.0

Module or file Type	Description	File name	Size in bytes
WC image	WC and AP combined image	wc8180_1.0.2.009s.img	49M
WMS	WMS Windows build	WLAN8100_WMS_1.0.2.0_Windows.exe	227M
WMS	WMS Linux build	WLAN8100_WMS_1.0.2.0_Linux.bin	236M

Version of Previous Release

Software Version 1.0.1.0 and **1.0.0.0**.

Compatibility

This software is managed with Wireless Management System (WMS) 1.0.2.0.

Changes in this Release

The following are feature changes in this release:

New features in this Release

The following are new features in this release:

- Ekahau compatibility: the DHCP reply broadcast is sent at lower rate so Ekahau tag can receive dhcp reply.•   When a mobile unit (MU) roams, the originating VLAN is retained.
- DFS channels are enabled for APs shipped to US.
- New countries supported in this release are: South Korea, Hong Kong and Taiwan.

Features removed from this Release

There are no features removed from this release.

Resolved Issues

The following are known issues resolved in the current software release.

CR Number	Description
Access Point	
Wi00600552	AP radio on 5G boots up only on channel 36, while the radio on 2.4G picks up channel randomly.
Wireless Controller	
Wi00870839	For peer controller managed APs, radio parameter, Fixed Channel Configured, has wrong value of Yes, when APs are using auto-rf. The issue does not show up every time, system needs to be running for some time with auto-rf.
wi00872053	Unable to select 40Mhz if the WC country code is GB.
wi00850690	Wireless client MAC address with odd number first byte is being recognized as multicast MAC address. The client MAC is not learnt and VLAN is flooded with client traffic and WC becomes slow due to VLAN flooding.
CLI/NNCLI	
wi00878183	Display wrong country code for Liechtenstein

Known Issues

The following Known Issues are present in the current software release.

Please refer to the Outstanding Issues Section of the Release Notes for WLAN 8100 Software Release 1.0.0.0.

CR Number	Description
WMS	
wi00878696	Assigning a radius-profile in a network-profile with Open user validation does not push the configuration to WC.
wi00841408:	In WMS: when using CLI to approve a discovered AP, the AP list and AP status list are not updated while the Discovered AP list is updated.
wi00875828	WMS does not show the correct channels for 2.4GHz radio after importing policies from WC. CLI shows correctly for both 2.4GHz and 5GHz radios.
EDM	
wi00878761	EDM cannot set auto-rf interval to 1 hour. The minimum value supported is 6 hours. The workaround is to use CLI or WMS to set interval to 1 hour.
Captive Portal	
wi00878716	"Image Download Status" for captive portal locale does not refresh after downloading the image successfully.
Wireless Controller	
wi00877195	Config-sync state is reported "Out of Sync" in Peer WC for Security User DB but config sync status is success. This is a display issue and Security DB config is successfully synced.

Known Limitations

There are no additional limitations found in this release.

Please refer to the **Known Limitations** section of the Release Notes for WLAN 8100 Software Release 1.0.0.0.

Documentation Corrections

There are no documentation corrections for this release.

Software Release 1.0.1.0

Release Date: December 23rd, 2010

Purpose: Software patch release to address customer-found software issues.

Platforms Supported

Avaya WLAN 8100 (all models).

Notes for Upgrade

Please see "WLAN 8100 Configuration — WC 8180 (CLI)" (NN47251-500) or "WLAN 8100 Configuration — WC 8180 (GUI)" (NN47251-501) (available at http://www.avaya.com/support - click Products, select WLAN 8100 from the A-Z list, then select Documentation > View All Documents) for details on how to upgrade your switches and Access Points (AP).

File names for this Release

The following table describes the file names for release 1.0.1.0

Module or file Type	Description	File name	Size in bytes
WC image	WC and AP combined image	WLAN8100_WMS_1.0.1.0_Windows.exe	49M
WMS	WMS Windows build	WLAN8100_WMS_1.0.1.0_Windows.exe	229M
WMS	WMS Linux build	WLAN8100_WMS_1.0.1.0_Linux.bin	237M

Version of Previous Release

Software Version **1.0.0.0**.

Compatibility

This software is managed with Wireless Management System (WMS) 1.0.1.0.

Changes in this Release

The following are feature changes in this release:

New features in this Release

The following are new features in this release:

- Captive Portal enhancements, such as customizable images and customized text.
- When a mobile unit (MU) roams, the originating VLAN is retained.
- The Avaya AP sends a DHCP request with the VCI field. The DHCP server should be configured with Option 43 and the VCI field.
- E911

Features removed from this Release

There are no features removed from this release.

Resolved Issues

The following are known issues resolved in software release 1.0.1.0.

CR Number	Description
wi00695304	SSID names can have non-ascii characters
wi00698375	QOS mapping configuration is not in sync between Master and Slave after HA Failover. This is due to incorrect table sync for the QOS Mapping Parameters. This issue resolved
wi00600496	Radio-2 was not responding to Captive Portal users' authentication requests in certain configurations.

Known Issues

There are no known issues in this release.

Known Limitations

The following are known limitations in release 1.0.1.0:

CR Number	Description
wi00839411	CPU spikes during E911 auditing.
wi00839405	E911: AP and client auditing did not finish within the configured interval (5 minutes) and could overlap. The recommended configured interval is 10 minutes or more.
wi00600803	Ekahau tags have a compatibility issue with Microsoft DHCP server 2008. The workaround is available for DHCP server 2003.
wi00842220	WMS: Channel and Power values are not pushed to A-MDC for configured domain. The workaround is to configure location field for AP.
wi00842909	WMS: New authentication profile for a WPA2 network profile cannot be pushed to A-MDC.
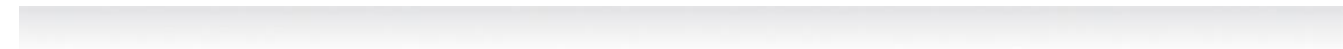
CR Number	Description
wi00842157	The CLI command "clear wireless ap failed" causes some of the managed AP's to reset.
wi00842513	E911 - Roaming traps are not sent to trap receiver during switch failure.
wi00842178	Client QoS attributes are not retained when captive portal client roams.

Documentation Corrections

For other known issues, please refer to the product release notes and technical documentation available from the Avaya Technical Support web site at: http://www.avaya.com/support .