

Release Notes - Maintenance

OmniAccess Stellar

AP1101, AP1221, AP1222, AP1231, AP1232, AP1251

AWOS Release 3.0.0.63

The following is a list of issues that have been identified and corrected in this AWOS software release. This document is intended to be used as a pre-upgrade guide and does not replace the GA Release Notes which are created for every GA release of software.

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Fixed Problem Reports Between Builds 61 and 63

PR	Description
ALE-ISSUE105	Summary: Static channel assignment gets changed automatically Explanation: Channel assignment changes automatically even if the channel is set manually.
ALE-ISSUE106	Summary: Roaming not working when both 2.4 GHz & 5 GHz radio configured with or without 802.11r Explanation: There were no synchronization messages sent to the new neighbor AP resulting in roaming failure

Fixed Problem Reports Between Builds 57 and 61

PR	Description
None	Summary: KRACK / WPA2 Key Reinstallation Vulnerabilities. Explanation: Flaws in WPA2 key management may allow an attacker to decrypt, replay, and forge some frames on a WPA2 encrypted network.
ALE-ISSUE101	Summary: Apple AirPlay stopped working, after upgrades AP1101 to release 3.0.0.57 Explanation: Two clients on the same SSID and band were not able to communicate.
ALE-ISSUE102	Summary: 5 GHz band not broadcasting Explanation: Initial setup with 2.4GHz and 5GHz is OK. Overnight 5 GHz band disappears and only see 2.4GHz band can be seen.
ALE-ISSUE108	Summary: Performance issue in 2.4G band. Explanation: Wireless performance degrades over time, devices experience slow connection.

Open Problem Reports and Known Issues

PR	Description	Workaround
ALE-ISSUE103	One of the Windows 10 client is getting disconnected from the network very frequently.	This was specifically experienced with Windows 10 client with Broadcom NIC. There is no known workaround at this time.
ALE-ISSUE104	Low throughput on AP-1101 & AP-1221.	There is no known workaround at this time.

ALE-ISSUE111	EIRP for AP1251 in 3.0.0.60 code is always 10 dBm.	This is a display issue only. It is planned for resolution in future release.
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New Features Introduced - 3.0.0.63

Stellar Access Points OAW-AP1231 and OAW-AP1232 are introduced in this release. These access points support dual uplink ports 1x 2.5GE and 1x 1GE. Currently there is no support to aggregate the uplink ports hence only one port should be connected to the LAN access network. Link aggregation will be supported in a future release.

Technical Support

Alcatel-Lucent technical support is committed to resolving our customer's technical issues in a timely manner. Customers with inquiries should contact us at:

Region	Phone Number
North America	1-800-995-2696
Latin America	+1-877-919-9526
European Union	+800 00200100 (Toll Free) or +1(650)385-2193
Asia Pacific	+65 6240 8484

Email : ebg_global_supportcenter@alcatel-lucent.com

Internet: Customers with service agreements may open cases 24 hours a day via the support web page at: support.esd.alcatel-lucent.com.

Upon opening a case, customers will receive a case number and may review, update, or escalate support cases on-line. Please specify the severity level of the issue per the definitions below. For fastest resolution, please have telnet or dial-in access, hardware configuration—module type and revision by slot, software revision, and configuration file available for each switch.

Severity 1 - Production network is down resulting in critical impact on business—no workaround available.

Severity 2 - Segment or Ring is down or intermittent loss of connectivity across network.

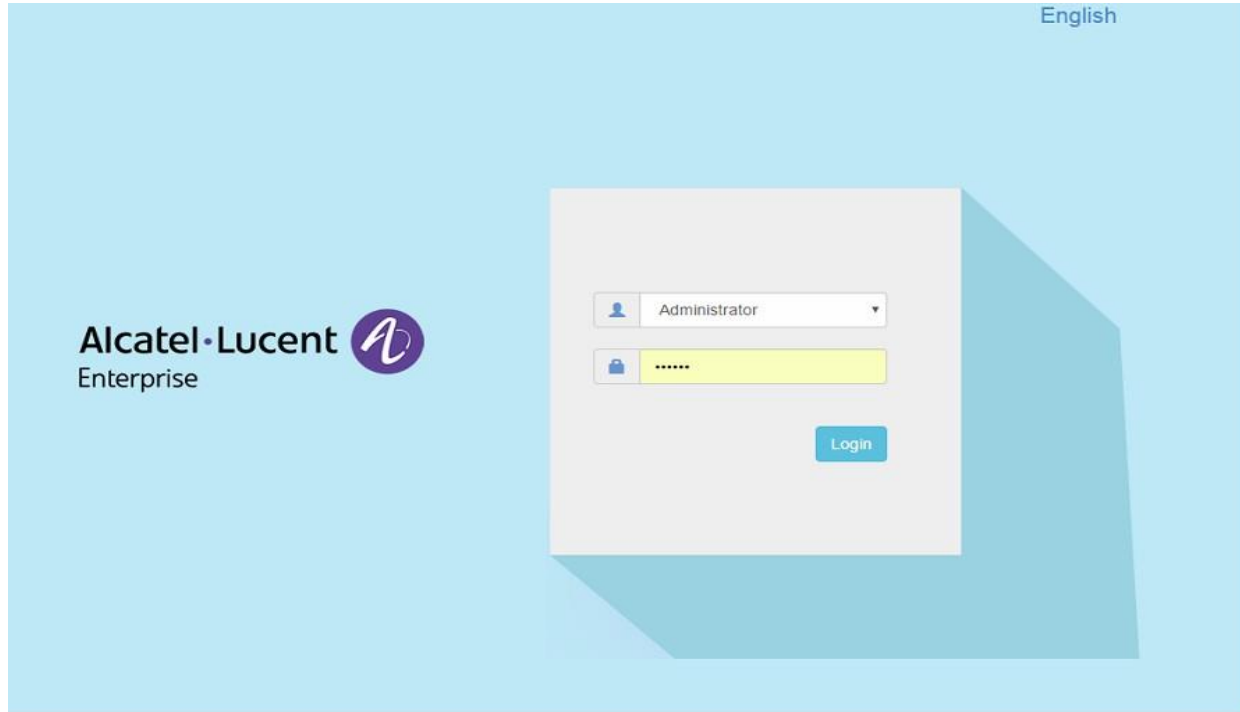
Severity 3 - Network performance is slow or impaired—no loss of connectivity or data.

Severity 4 Information or assistance on product feature, functionality, configuration, or installation.

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Appendix A: Software Upgrade Instructions in WiFi Express Mode

1. Login to AP using Administrator account with default password 'admin'.



2. Click on the AP tab to open the AP Configuration page.

Alcatel-Lucent Enterprise

AP Group : Demo - 192.168.92.20
Calabasas_SLAB

Administrator Logout | About Help | English
Tools | Polling Cycle: [30s]

WLAN			AP		
WLAN Name	Status	Clients	Primary Name	Status	Clients
HAN-DEMO_1x	On	0	AP_13	Working	0
			AP_12	Working	0
			AP_11	Working	0

Clients				
User Name	IP	MAC	WLAN	Auth
Total: 0				

System
Wireless
Access

3. On AP Configuration Page, click **Upgrade All Firmware**.

The screenshot displays the 'AP Configuration' interface. It features a table of APs and a 'Detailed Information' panel for the selected AP (AP_13).

Primary Name	IP	Firmware	Operate
PVC			
AP_13	192.168.92.59(AP) 192.168.92.20(M)	2.1.0.65	cfig firmware reboot
SVC			
AP_12	192.168.92.53	2.1.0.65	cfig firmware reboot
MEMBER			
AP_11	192.168.92.58	2.1.0.65	cfig firmware reboot
Joining			

Detailed Information

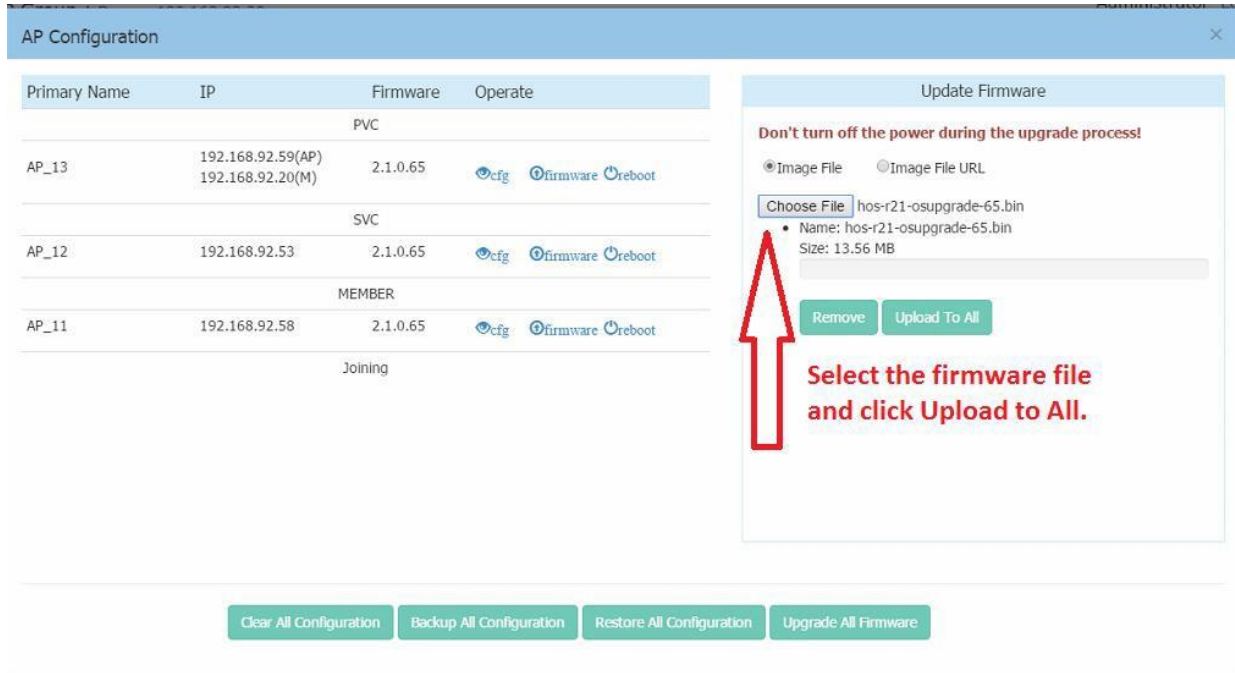
APName: AP_13 [Edit](#)
Location: [Edit](#)
Status: Working
Role in Group: PVC
Serial Number: WKS163500021
Model: OAW-AP1101
Firmware: 2.1.0.65
Upgrade Time: Tue Sep 6 14:49:21 UTC 2016
Upgrade Flag: Success

IP Mode: dhcp [Edit](#)
IP: 192.168.92.59
Netmask: 255.255.255.0
Default Gateway: 192.168.92.254

Click here to upgrade the firmware

Buttons: [Clear All Configuration](#) [Backup All Configuration](#) [Restore All Configuration](#) [Upgrade All Firmware](#)

4. Select the firmware file and click **Upload To All**, this will upgrade the firmware and reboot the AP.



The screenshot shows the 'AP Configuration' window with a table of APs and an 'Update Firmware' dialog box. The table lists APs under different categories: PVC, SVC, MEMBER, and Joining. The 'Update Firmware' dialog box has a warning: 'Don't turn off the power during the upgrade process!'. It offers two options: 'Image File' (selected) and 'Image File URL'. A 'Choose File' button is highlighted with a red arrow. Below it, a file selection list shows 'Name: hos-r21-osupgrade-65.bin' and 'Size: 13.56 MB'. There are 'Remove' and 'Upload To All' buttons. A red text box at the bottom of the dialog says 'Select the firmware file and click Upload to All.' At the bottom of the main window, there are four buttons: 'Clear All Configuration', 'Backup All Configuration', 'Restore All Configuration', and 'Upgrade All Firmware'.

Primary Name	IP	Firmware	Operate
PVC			
AP_13	192.168.92.59(AP) 192.168.92.20(M)	2.1.0.65	
SVC			
AP_12	192.168.92.53	2.1.0.65	
MEMBER			
AP_11	192.168.92.58	2.1.0.65	
Joining			