

# Release Notes - Maintenance

## OmniAccess Stellar

AP1101, AP1221, AP1222, AP1231, AP1232, AP1251

AWOS Release 3.0.3.1045

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 32 and 1045**

PR	Description
ALE-ISSUE163	<b>Summary:</b> HTTPS certificates in 3.0.3.11 are not working properly <b>Explanation:</b> The certificate configuration file is not in effect.
ALEISSUE-144	8118 phones are not able to connect with AP1221.
ALEISSUE-167	8118 phones keep disconnecting & reconnecting to the AP1220.
ALEISSUE-170	Compatibility issue of the Stellar AP1101 with IE browser.
ALEISSUE-189	Even though AP's are in Australia country code, customer noticed the Channels 120, 124, 128 in the RF profile which are restricted in Australia.
ALEISSUE-198	ME 5G txpower is low.
ALEISSUE-201	AP can't send the correct virtual-IP LLDP.
ALEISSUE-206	Add a command "get_netstatus_info" to get DHCP log and BR-WAN info after reboot.

**Fixed Field Problems in Build 3.0.3.32**

PR	Description
ALEISSUE-110	Summary: Client inactivity should be a configurable option
ALEISSUE-128	Summary: L3 ACL does not work in the AP-1101 cluster.
ALEISSUE-145	Summary: AP name is not consistent throughout the web gui.
ALEISSUE-88	Summary: ACL per SSID
ALEISSUE-160	Summary: Manually set channels need to be respected by ACS
ALEISSUE-193	Summary: mywifi factory SSID provides open access to network
ALEISSUE-186	Summary: Client is not receiving the IP address if SSID is configured with VLAN-2 on AP1231/32
ALEISSUE-179	Summary: AP 1221 with 3.0.0.57 sending unknown UDP packets
ALEISSUE-90	Summary: Guest re authentication on inactivity
ALEISSUE-87	Summary: Captive portal page is hosted only in http by default

ALEISSUE-86	Summary: Unable to install public, wildcard, private or self-signed certificate on the cluster
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Note: All fixes from prior releases are included

### Open Problem Reports and Known Issues

PR	Description
ALEISSUE-212	Bug in converting 3.0.3.32 Express cluster to cloud
ALEISSUE-208	Two different APs in a cluster are on same channel even when auto channel is ON
ALEISSUE-207	Remove default NTP servers if a local server is entered
ALEISSUE-164	The output of "iwlist ath01 txpower" is incorrect on AP1101
ALEISSUE-158	RSSI Threshold de-association should not cause a deletion of client-context
ALEISSUE-151	Query regarding WIPS in OV 2500

### New Features Introduced - 3.0.3.1045

1. Band-steering exclusion option: For certain legacy and latency sensitive clients (Eg. Scanners, MIPT Phones etc.), it is preferable to exclude them from undergoing band-steering. You can now add device MAC-OUI by clicking the Exclude link.

The screenshot displays the 'Wireless' configuration page. On the left, there is a '2.4GHz Channel Distribution' section. The main area is divided into two panels. The left panel shows an 'Exclude MAC' dialog box with a table for adding MAC addresses. The table has two columns: 'MAC Address' and 'Operate'. A row is shown with the MAC address 'AA:BB:CC:\*:\*' and a red 'X' in the 'Operate' column. Below the table is an 'Add' button. The right panel shows 'Performance Optimization' settings, including 'Background Scanning' (on), 'Scanning Interval' (20s), 'Scanning Duration' (50ms), 'Band Steering' (on), 'Load Balance' (on), 'RSSI Threshold' (2.4G: 0, 5G: 0), 'Roaming RSSI' (2.4G: 0, 5G: 0), and 'Voice and Video Awareness' (off).

## New Features Introduced - 3.0.3.32

1. Web GUI AP level UI
2. SSID Level ACL
3. Roaming-802.11K/V
4. Smart Sticky
5. DHCP/NAT/DNS Service
6. LACP for AP1230 Series
7. Certificate Management
8. External Captive Portal
9. Northbound API
10. Mesh/Bridge (Beta)

## Limitations and/or Dependencies

1. Mesh/Bridge(Beta)

**Support AP Device:** AP1220/AP1230/AP1251

**Not Support AP Device:** AP1101

**Limitation:** Connection stability, about 10~20 hours connection, disconnect and then automatic recovery.  
The mesh eSSID should not be same as the user eSSID.

2. LACP for AP1230 Series

**Limitation:** Five minutes detect window for LACP protocol when AP starts.

3. VLAN Service

**Express Mode:** For AP Device AP1101/AP1220/AP1251 support V maximum 14.

For AP Device AP1230 support VLAN maximum 21.

**Enterprise Mode:** For AP Device AP1101/AP1220/AP1230/AP1251 support VLAN maximum 64.

4. Guest Tunnel Service

**Enterprise Mode:** Support maximum 16.

5. DHCP/DNS/NAT Service

**Express Mode:** Support maximum 128 Source and Destination NAT Rule.

6. Certificate Management

**Express Mode:** Support maximum 6 certificates.

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## **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:

<b>Region</b>	<b>Phone Number</b>
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](mailto: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](http://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.

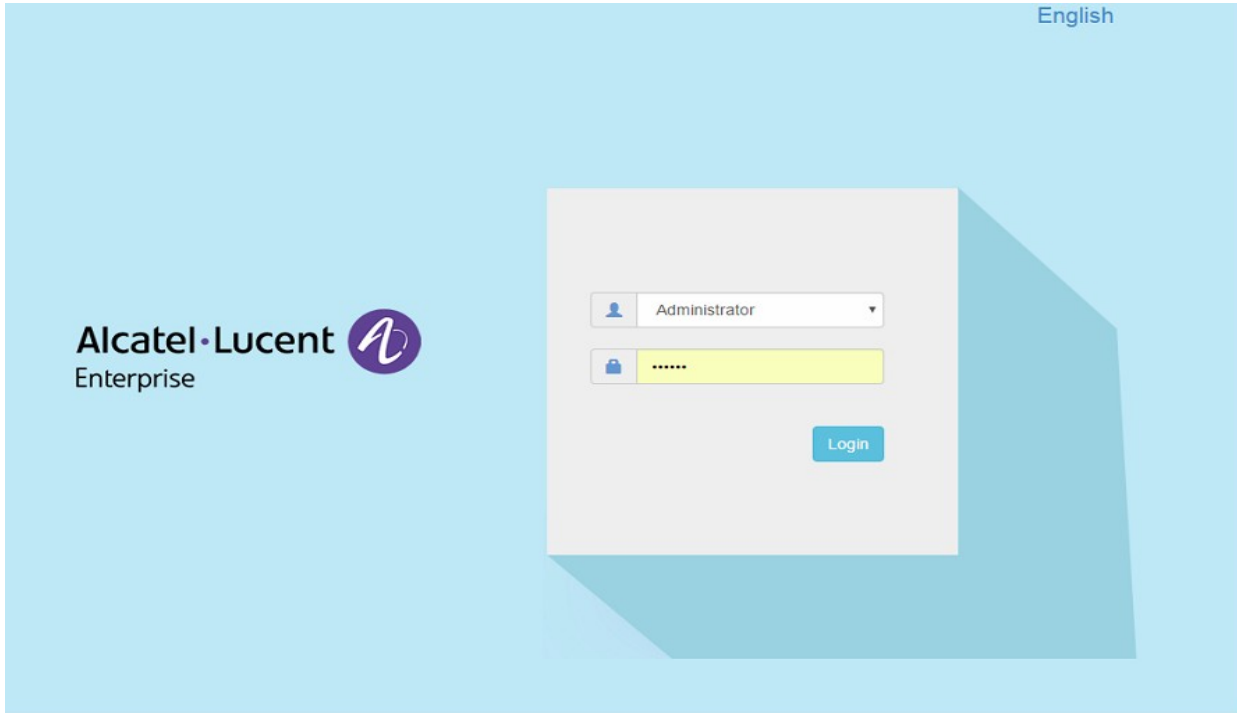
**Severity 3** - Network performance is slow or impaired—no loss of connectivity or data.

**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 up the AP Configuration page.

Alcatel-Lucent Enterprise AP Group : AP-Group

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

WLAN			AP		
WLAN Name	Status	Clients	Primary Name	Status	Clients
1	On	0	AP-CB:80	Working	0
			AP-01:30	Working	0
			AP-95:50	Working	0

Clients					Total:0
User Name	IP	MAC	WLAN	Auth	

Monitoring

- Throughput(Mbps) graph showing RX and TX data.
- Client graph showing client count over time.
- Client Band graph showing usage for 2.4GHz and 5GHz.
- Client Health graph showing health status (Best, Good, Fair).

System | Wireless | Access

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

AP Configuration ✕

Primary Name	IP	Firmware	Operate
PVC			
AP-CB:80	192.168.20.117(AP) (M)	3.0.3.24	<a href="#">cfig</a> <a href="#">reboot</a>
SVC			
AP-95:50	192.168.20.56	3.0.3.24	<a href="#">cfig</a> <a href="#">reboot</a>
MEMBER			
AP-01:30	192.168.20.114	3.0.3.24	<a href="#">cfig</a> <a href="#">reboot</a>
Joining			
Pending			
Neighboring Group			
AP-00:00	192.168.20.2	3.0.4.1	
AP-54:00	192.168.20.02	3.0.3.24	

Detailed Information

AP Name: AP-CB:80 [Edit](#)  
 MAC: 34:E7:0B:01:CB:80  
 Location: [Edit](#)  
 Status: Working  
 Role in Group: PVC  
 Serial Number: 123456  
 Model: OAW-AP1251  
 Firmware: 3.0.3.24  
 Upgrade Time: Mon Apr 23 18:25:01 2018  
 Upgrade Flag: successfully

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IP Mode: Static [Edit](#)  
 IP: 192.168.20.117  
 Netmask: 255.255.255.0  
 Default gateway:  
 DNS: 8.8.8.8

Click here to upgrade all firmware

Reboot All AP
Clear All Configuration
Backup All Configuration
Restore All Configuration
Upgrade All Firmware
Connect To OmniVista Cirrus

4. The way to use Image File

Multi-model Upgrade

Model	Firmware	AP Quantity	
AP1250	3.0.3.24	1	Expand
	3.0.3.24	1	Expand
AP1230	3.0.3.24	1	Expand

Upgrade Firmware

Don't turn off the power during the upgrade process!

Image File   
  Image File URL

AP1230  
 未选择任何文件

AP1250  
 未选择任何文件

Select AP model to upgrade



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

### The way to use **Image File URL**

Multi-model Upgrade

Model	Firmware	AP Quantity	
AP1250	3.0.3.24	1	Expand
	3.0.3.24	1	Expand
AP1230	3.0.3.24	1	Expand

The URL for AP upgrade firmware file, support TFTP/SFTP →

Upgrade Firmware

Don't turn off the power during the upgrade process!

Image File  Image File URL

AP1230:

AP1250:

(TFTP://ip/file.bin)

(SFTP://UserName:Password@ip/file.bin)

Upload To All

Fill in the URL of the firmware file and then click **Upload To All**, this will upgrade the firmware and reboot the AP.