

# Release Notes - Maintenance

OmniAccess AP1101, AP1221,  
AP1222, AP1251  
AWOS Release 3.0.0.61

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 57 and 61

| PR           | Description   |
|--------------|---|
| None         | <b>Summary:</b> KRACK / WPA2 Key Reinstallation Vulnerabilities.<br><b>Explanation:</b> Flaws in WPA2 key management may allow an attacker to decrypt, replay, and forge some frames on a WPA2 encrypted network. |
| ALE-ISSUE101 | <b>Summary:</b> Apple AirPlay stopped working, after upgrades AP1101 to release 3.0.0.57<br><b>Explanation:</b> Two clients on the same SSID and band were not able to communicate.                               |
| ALE-ISSUE102 | <b>Summary:</b> 5 GHz band not broadcasting<br><b>Explanation:</b> 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 | <b>Summary:</b> Performance issue in 2.4G band.<br><b>Explanation:</b> 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.          | 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-ISSUE105 | Static channel assignment gets changed automatically.   | There is no known workaround at this time. |
| ALE-ISSUE106 | Roaming not working when Both 2.4 Ghz & 5.ghz radio configured with or without 802.11r enabled. | There is no known workaround at this time. |
| ALE-ISSUE111 | EIRP for AP1251 in 3.0.0.60 code is always 10 dBm.  | There is no known workaround at this time. |

## New Features Introduced - 3.0.0.61

There are no new features introduced in this 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:

| <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<br>+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.

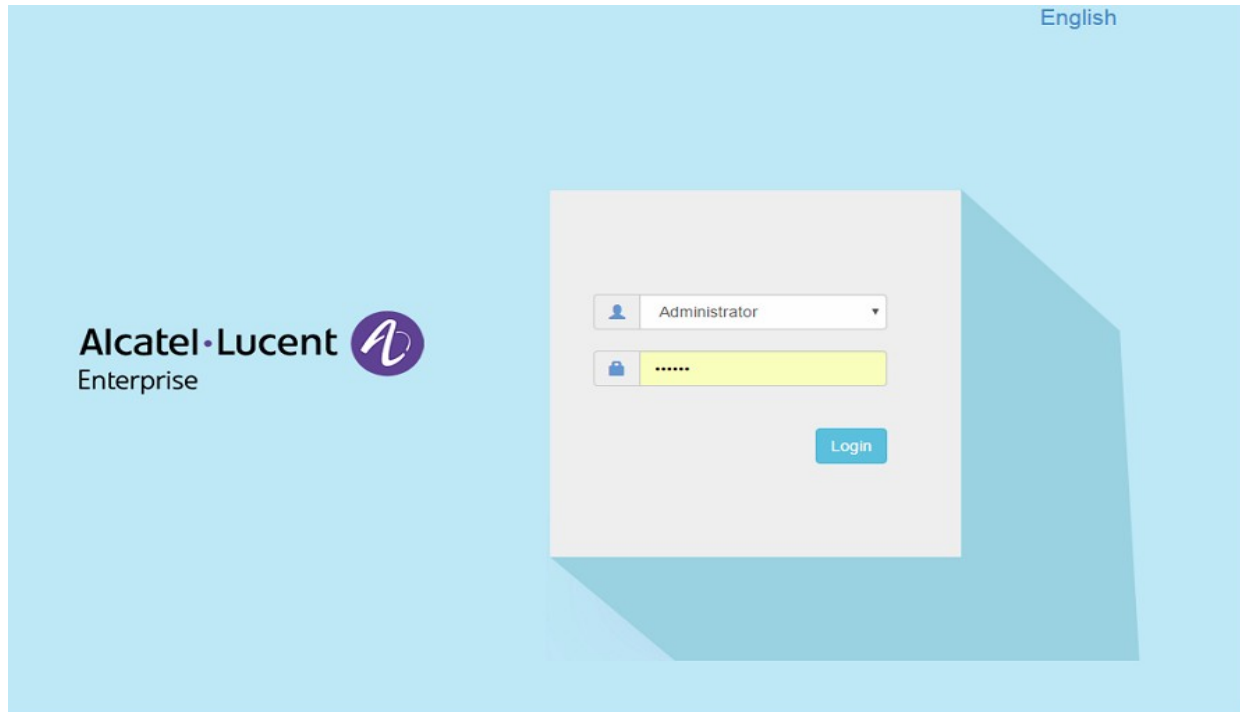
**Severity 3** - Network performance is slow or impaired—no loss of connectivity or data.

**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 the AP Configuration page.

Alcatel-Lucent Enterprise AP Group : Demo - 192.168.92.20 Calabrese\_SLAB

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

| WLAN        |        | Enable: 1 | Disable: 0 | AP           |         | Working: 3 | Down: 0 | Joining: 0 |
|-------------|--------|-----------|------------|--------------|---------|------------|---------|------------|
| 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         |    |     |      |      |
|-----------------|----|-----|------|------|
| For Group: Demo |    |     |      |      |
| User Name       | IP | MAC | WLAN | Auth |
| Total: 0        |    |     |      |      |

Monitoring Group: Demo

Throughput(Mbps) Client Client Band Client Health

System Wireless Access

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

The screenshot shows 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)<br>192.168.92.20(M) | 2.1.0.65 | <a href="#">cfig</a> <a href="#">firmware</a> <a href="#">reboot</a> |
| SVC          |                                       |          |  |
| AP_12        | 192.168.92.53                         | 2.1.0.65 | <a href="#">cfig</a> <a href="#">firmware</a> <a href="#">reboot</a> |
| MEMBER       |                                       |          |  |
| AP_11        | 192.168.92.58                         | 2.1.0.65 | <a href="#">cfig</a> <a href="#">firmware</a> <a href="#">reboot</a> |
| Joining      |                                       |          |  |

**Detailed Information**

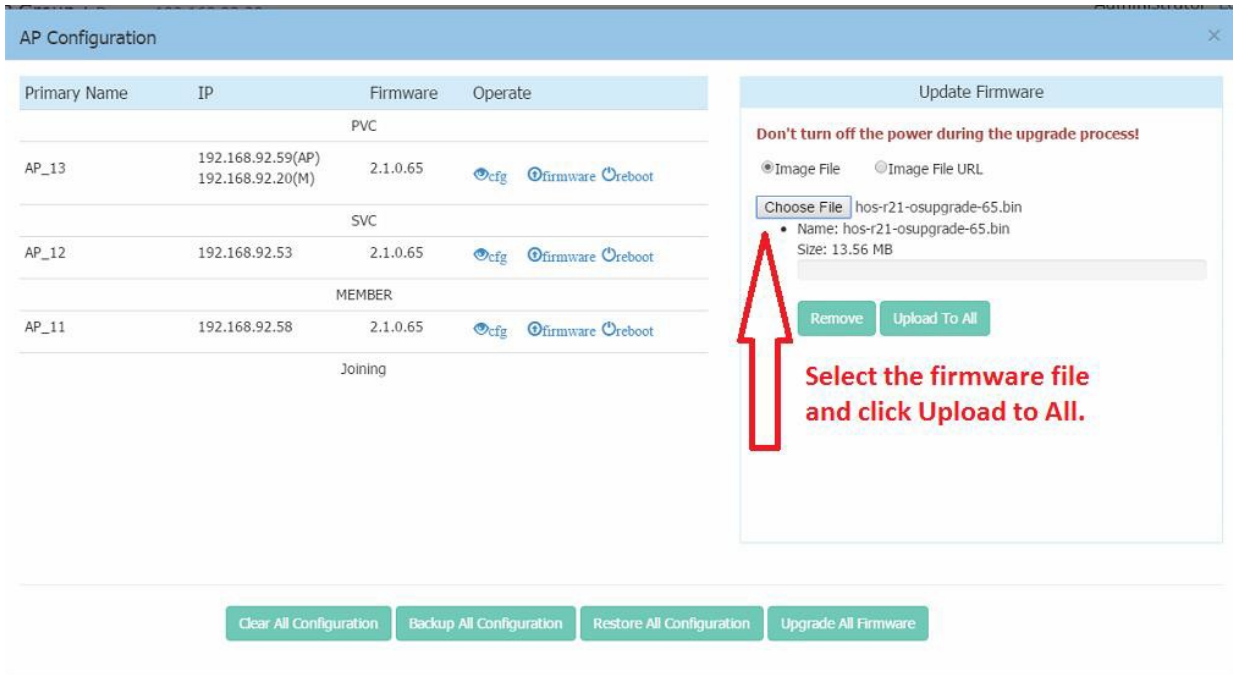
APName: AP\_13 [Edit](#)  
Location: [Edit](#)  
Status: Working  
Role in Group: PVC  
Serial Number: WKS163500021  
Model: OAW-AP1101  
Firmware: 2.1.0.65  
Upgrade Time: Tue Sep 6 14:49:21 UTC 2016  
Upgrade Flag: Success

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 grouped by type: PVC, SVC, MEMBER, and Joining. The 'Update Firmware' dialog box has a warning 'Don't turn off the power during the upgrade process!' and options for 'Image File' and 'Image File URL'. A 'Choose File' button is highlighted with a red arrow, and a text box below it says 'Select the firmware file and click Upload to All.' The dialog also shows a file named 'hos-r21-osupgrade-65.bin' with a size of 13.56 MB and 'Remove' and 'Upload To All' buttons. At the bottom of the window are buttons for '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)<br>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      |                                       |          |         |