**Release Notes**
- allow special characters for admin password / WLAN SSID and PSK
- static IP per ap
- WLAN override per AP (VLAN, SSID)
- supports PicoM2
- allow LED to be disabled
- fix the blackberry device connection problem

**How to perform the update**
1. Auto upgrade: UniFi checks for updates daily. If you've seen an event about an update being available, go to Admin tab, find a Upgrade button. If not, refresh the page.
2. Manual upgrade: Backup your DB (Admin->Backup), uninstall the old version, install the new one. Use the Restore function in Admin->Restore

**What the update does**
1. It updates your UniFi controller.
2. It bundles new AP firmwares
3. It will migrate your DB if necessary

**What it doesn't do**
1. It doesn't update your AP firmware (unless you enabled "Automatically upgrade firmware" in the System settings)
2. It doesn't reboot your AP
3. It doesn't disconnect active wireless client

**What would happen if I don't update the AP firmware**
Nothing if update between hotfix releases (i.e. 1.2.x -> 1.2.x)
Some new features may not work between minor releases (i.e. i.e. 1.2.x -> 1.3.x)
Between major releases (e.g. 1.2.x->2.0.0), firmware updates will be applied automatically.
In general, we recommend you to update the firmware so it matches the version your UniFi is running. Not only can you pick up the latest bug fixes, but it guarantees the best compatibility between the controller and the AP.

**How to convert PicoM2 to run UniFi?**
1. Download the firmware at HERE
2. In AirOS UI, upgrade with the firmware you downloaded

Notes:
- LED behaves differently and the first 2 LED cannot be disabled
- This process is one way. There's no plan to release a tool to reverse it
- While this firmware can be applied to other models running AirOS, UniFi cannot manage them and such action may void your warranty

**Download**
You can also download the software for fresh installation.
UniFi Controller CD Image
UniFi Controller for Mac
UniFi Controller for Windows

**UniFi Controller APT howto**

1. add mongoDB to apt souce.
UniFi Controller .dep package depends on mongoDB 1.6.1 or newer.
So please follow the steps HERE to add mongoDB into apt source list before install UniFi Controller.

2. edit /etc/apt/sources.list

Code:

```
## Ubuntu Maverick (10.10):
deb http://www.ubnt.com/downloads/unifi/distros/deb/maverick maverick
ubiquiti
## Ubuntu Lucid (10.4):
deb http://www.ubnt.com/downloads/unifi/distros/deb/lucid lucid ubiquiti
## Ubuntu Karmic (9.10):
deb http://www.ubnt.com/downloads/unifi/distros/deb/karmic karmic ubiquiti
## Ubuntu Jaunty (9.4):
deb http://www.ubnt.com/downloads/unifi/distros/deb/jaunty jaunty ubiquiti
## Debian Lenny (5.0):
deb http://www.ubnt.com/downloads/unifi/distros/deb/lenny lenny ubiquiti
## Debian Squeeze (6.0):
deb http://www.ubnt.com/downloads/unifi/distros/deb/squeeze squeeze
ubiquiti
```

3. add GPG Key

Code:

```
sudo apt-key adv --keyserver keyserver.ubuntu.com --recv C0A52C50
# or over HTTP:
sudo apt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --recv C0A52C50
```

4. update, install & upgrade

Code:

```
apt-get update
apt-get install unifi
apt-get upgrade
```

5. the UniFi webUI can be reached via https://<unifi_ip>:8443/