AirWave 7.4 Quick Start Guide

Overview

This guide is designed as a reference for installing the AirWave using the CentOS software bundled with the .iso disc image.

If you are installing AirWave on a VMware server, please consult Appendix B of the *AirWave User Guide* for important installation instructions.

If you are installing AirWave on a Red Hat Enterprise Linux server, contact Aruba support.

Pre-Installation Checklist

Use this checklist to ensure that installation goes smoothly:

Checklist	Check
Have available the AirWave license key text sent to you in an email from Aruba.	
Obtain dedicated server meeting Aruba sizing specifications	
Static IP address for each AirWave server	
Firewall provisioning enabling proper ports/protocols	
WLAN infrastructure properties (type, quantity, and location)	
WLAN infrastructure access credentials (SNMP, telnet, SSH, etc)	
WLAN security policy specifications	
Router and switches to monitoring (optional)	
Upstream NMS applications (optional)	
Wireless client authentication servers (optional)	
AirWave administrative authentication servers like TACACS+ or RADIUS (optional)	

Creating an AirWave Installation CD from .iso Disc Image

There is a variety of software tools that can be used to create an installation CD from the AirWave Installation CD .iso disc image. Using a free tool called *burnatonce* is recommended.

NOTE: The CD burning software included with Windows XP does not currently support the ability to create a CD from an .iso disc image.

---

1. Download and save the AirWave Installation CD .iso disc image.

2. Download and install *burnatonce* from http://www.burnatonce.net/downloads/. Windows ME users will need to download and install an additional ASPI layer.

3. Insert a blank CD-R into the CD-R drive.

4. Right-click on the AirWave Installation CD .iso disc image file and select "burnatonce".

5. When the *burnatonce* program opens, click the Write button. If *burnatonce* has not automatically associated to the .iso disc image, run *burnatonce* manually and select the AirWave install image from the Load menu.

For help with CD burning software other than *burnatonce*, please refer to the user guide for that product and reference the option to create a CD from .iso disc image. With Nero, for instance, this option may be found under **File > Burn Image** or **Recorder > Burn Image**.

Server Requirements

AirWave runs on a dedicated system and is compatible with most standard PC or rack-mount server hardware. The AirWave Installation CD will format the hard disk, install the CentOS operating system, and install the AirWave software.

For minimum hardware requirements, refer to the *Airwave Sizing Guide* or contact Aruba support.

The hardware must support Red Hat Enterprise 5.0.

Installing AirWave

Caution : This will format system hard disk drive(s) and destroy existing data.

Phase 1: Installation of Cent OS

Insert the AirWave Installation CD into the CD-ROM drive and boot the server from this CD. When prompted at the AirWave splash screen, type "install" to begin installation of the Cent OS operating system.

This process will later prompt for the selection of appropriate keyboard layout and time zone for your location. When the Cent OS installation is complete, the system will reboot and the installation CD will be ejected. Remove the CD from the CD-ROM drive.

Phase 2: Installation and configuration of AirWave software

The system will proceed through the Cent OS Linux boot process and a login prompt will be displayed. Use the following credentials to log in to the system that will display the message included below.

- username: **root**
- password: **admin**

```
##################################################################
Welcome to AirWave.
Please run "./amp-install" to complete the installation.
##################################################################
```

To continue with the installation of AirWave, enter this command at the prompt:

./amp-install

The installation will proceed through eight steps. Steps 2-4 require no user input.

- Step 1: configuring date and time
- Steps 2-4: No user input
- Step 5: enter static IP configuration for the primary network interface
- Step 6: enter a display name for the Airwave system
- Step 7: if a DNS entry exists for the IP address assigned to the AirWave server, enter '**y**' then the DNS hostname; otherwise enter '**n**'
- Step 8: enter a new root user password. This password should be secure and recorded in a safe place.

Accessing the AirWave Web Interface

Enter the IP address assigned to the AirWave server into the URL box of your web browser. Use these default credentials to log in to the system:

- username: **admin**
- password: **admin**

The first page to appear after you log in is the **Home > License** page. Paste the AirWave license key you received into the license field on this page, then click **Save** to display the AirWave licensing agreement.

Click **I Accept** to agree to the terms of the license agreement and apply the license key.

Changing Login Credentials

Aruba strongly recommends that you change the system default credentials.

The password for the default web interface user may be changed using the web interface itself, from the **AMP Setup > Users** page. Click on the pencil icon to edit the *admin* user.

The password for the root user may be changed by entering the command passwd on the server command line prompt.