

Managing Campus Networks with the AirWave Management Platform, Rev 20.31

Course description

This hands-on course prepares you with the knowledge and experience required to install and use the AirWave Wireless Management Suite: AirWave Management Platform (AMP), RAPIDS, Visual RF, network health diagnostics, client troubleshooting, alerts and reporting. In this course, you learn about AirWave's capabilities in troubleshooting network health and client status via the various stages of association and authentication, as well as redundancy and master consoles for large networks.

Ideal candidate for this course

Ideal candidates are Network Administrators who monitor and troubleshoot wireless networks, and Network and System Administrators responsible for installing and configuring network monitoring systems.

Course ID	0001135094
Course format, Typical duration	Select one: VILT - Virtual Instructor Led, 3 days ILT - Instructor Led, 3 days
Skill level	Foundational (FND)
Delivery languages	English
Lab required	Yes
Register for this course. Find this course offering in the Training calendar. Click "Register" to take the course in The Learning Center. Login and Password required.	

Topics

- **Introduction to AWMS**
 - AirWwave Platform
 - Features and Benefits of AMP RAPIDS and Visual RF
 - AirWave products
 - Basic operations using AWMS

- **Installing AWMS**
 - Installing AMP
 - Hardware requirements
 - Cent OS and AWMS software
 - Basic configuration steps
 - Upgrade AWMS software
 - Licensing AWMS
 - AWMS documentation

- **Adding Device to AWMS**
 - Installing AMP
 - Hardware requirements
 - Cent OS and AWMS software
 - Basic configuration steps
 - Upgrade AWMS software
 - Licensing AWMS
 - AWMS documentation

- **IAP Organization and Groups**
 - Overview of IAP
 - AirWwave integration
 - Golden configuration
 - IAP Organization options
 - IAP Whitelist

- **Wired Device Monitoring**
 - Wired monitoring and management
 - Vendor switch monitoring
 - Monitoring ports, PoE, VLAN details, connected devices and hardware
 - Running cable tests
 - Troubleshooting
- **Using Visual RF and Visual RF Plan**
 - Navigation
 - Setup
 - Heat-maps and location information
 - Import floorplan graphics
 - Plan deployments
 - Provision APs
 - Manage Visual RF performance
- **Network Health**
 - Searching for users and Diagnostics tab
 - Client issues
 - Network issues
 - AP issues
 - Switch/Controller issues
 - General Issues
- **Troubleshooting Clients and Wireless Networks**
 - Why use RAPIDS
 - Threat Detection Methods
 - Rules
 - Classifications
 - IDS Events Report
 - New Rogue Devices Report
 - Visualization
 - PCI Compliance
 - WMS Offload
- **Rogue Detection and Using RAPIDS**
 - Why use RAPIDS
 - Threat Detection Methods
 - Rules
 - Classifications
 - IDS Events Report
 - New Rogue Devices Report
 - Visualization
 - PCI Compliance
 - WMS Offload
- **Managing Administrative Access, Alerts, Triggers and Reporting**
 - Configure role-based administrative use access to the AMP system
 - Triggers
 - Alerts
 - Define and generate reports
- **Scalability and Redundancy**
 - VM Redundancy
 - Failover for Redundancy
 - Master Console for large deployments
 - Multiple AMP Server deployments
 - Large Deployment example
- **System Administration**
 - AMP Maintenance

- Device Maintenance
- **AirWave Aruba Groups**
 - How AWMS configures devices
 - Using groups to control policies
 - Creating and controlling groups
 - Basic Group Design
 - Configuration Audits
- **IAP Template Configuration**
 - Fetching a Template
 - Template Variables
 - Templates Configuration
- **IAP GUI Configuration**
 - Golden configuration
 - GUI mode
 - GUI configuration

Objectives

After you successfully complete this course, expect to be able to:

- Install AWMS 8.2.10
- Demonstrate adding devices on the network to the AirWave Management Server
- Understand Visual RF heatmaps and location information
- Demonstrate how to troubleshoot wireless network issues using AirWave
- Understand how to use RAPIDS to identify and locate rogues
- Demonstrate how to manage and administer an AirWave Management Suite and configure devices using AWMS

How to register

Click on this link to register for this course: <https://certification-learning.hpe.com/tr/TrainingCalendar?excludePartners=false&CourseId=0001135094>

Policies, fees and cancellations

Course fees may vary. Fees are established and collected by the training center that delivers the course. Cancellation fees may apply. Contact your HPE Authorized Training Partner for their respective policies.

For more information

[Contact our program](#)

© Copyright 2026 Hewlett Packard Enterprise. The information contained herein is subject to change without notice. The only warranties for HPE products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HPE shall not be liable for technical or editorial errors or omissions contained herein.

Information is as of April 2024, Revision 2