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## Wireless LAN Solutions Engine

**Duration: 2 Days**    **Course Code: WLSE**

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### Overview:

This is a 2-day instructor-led course incorporating nine instructor assisted, hands-on labs. The course is designed to give students a firm understanding of the Cisco Wireless LAN Solutions Engine (WLSE) and its role in an advanced wireless LAN network.

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### Target Audience:

The course is targeted at technical engineers, network integrators and technical sales personnel, who need to know how to sell, design, install and support the Cisco WLSE in an advanced wireless network

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### Objectives:

- Apply a set of configuration changes to access points
  - Upgrade firmware on access points
  - Display reports for tracking device, client, and security information
  - Input fault and policy monitoring
  - Manage your WLAN radio environment, to deploy expand and run on a day-to-day basis.
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### Prerequisites:

Delegates are required to meet the following prerequisites:

- AWFSS – Aironet Wireless LAN Fundamentals and Site Survey

### Testing and Certification

Recommended as preparation for exam:

- No exam is currently attached to this course
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### Follow-on-Courses:

The following courses are recommended for further study:

- CWLS Cisco Aironet WLAN Security
  - AWLAT – Aironet Wireless Lan Advanced Topics
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## Content:

### Network Device Setup

- Configuring the WLSE's Network Information
- Switch ; Router Setup
- AAA Server Setup

### Appliance Setup and Initial Configuration

- Connecting to the Device
- Login with Setup
- Enter Setup Prompts
- Enter SSL Certification Configuration Information
- Verify Configuration
- Add Device Credentials

### Configure WLSE for AP Out-of-Box Deployment

- How SWAN "out of Box" Deployment Works
- Startup Configuration
- Auto-Manage Configuration Configure DHCP Options

### Wireless Device Configuration and Firmware Management

- Configuration Templates
- Configuration Jobs
- Firmware Upgrades

### Radio Management Setup and Site Survey

- Location Manager
- Assisted Site Survey
- Auto Re-Site Survey

### Fault and Security Policy Monitoring

- Displaying Fault Information
- Managing Fault Settings
- Setting Policies and Thresholds
- Configure Fault Policy Profiles
- Fault view and Notifications

### Radio Management Tools

- Self Healing
- Rogue AP
- Ad-Hoc Network Detection
- Interference Detection

### Management Reports

- Using the Device Centre
- Group Reports
- Client Reports
- Trend Reports
- Export Options

### User Management and Administration

- Appliance Management
- System Management
- User Admin Management
- Profile Management
- Link Management

### WLSE Maintenance Troubleshooting (optional)

- WLSE Diagnostics
- Retrieve RM Data
- Enable/Retrieve Logs
- Debug

## Further Information:

For More information, or to book your course, please call us on 353-1-814 8200

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