



Cisco WAAS 4.0.13 Delta Training

Length
1 day

Format
Lecture

Version
4.0.13

WAAS

Course Description

This course covers the new products and capabilities introduced in the Cisco WAAS 4.0.13 platform release, including:

- The new WAE-7341 and WAE-7371 data center platforms
- Disk Online Insertion and Removal (OIR) capabilities new to the WAE-612 and WAE-7326 platforms
- Security enhancements
- Simplified redirection and egress methods
- Support for multipathing scenarios using GLBP, HSRP and VRRP
- WAAS integration with NetQos
- File prepositioning enhancements
- Central Manager and CLI enhancements

Who Should Attend

This course is designed for network and systems engineers, as well as server, storage, and network IT managers.

Recommended Prerequisites

This course is designed for individuals who have taken the Cisco WAAS Technical Training v4.0.7 course. This course covers the new platforms and software functionality introduced between 4.0.7 and 4.0.13.

Learning Objectives

After you complete this course, you will be able to:

- Describe the hardware architecture, scalability, and performance enhancements of the WAE-7341 and WAE-7371
- Describe the software hot swap functionality for disks on the WAE-612 and WAE-7326
- Explain how to encrypt data on the WAE disk partitions to prevent this information from being recovered or readable on lost or stolen disks
- Explain WAAS interoperability with Cisco security devices
- Describe the new egress methods available in WAAS 4.0.13
- Describe WAAS integration with NetQos
- Describe the file prepositioning enhancements in WAAS 4.0.13
- Describe the enhancements to the WAAS Central Manager and CLI



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Course Outline

Module 1: Platform Update

Lesson 1: New Data Center Platforms - WAE-7341 & WAE-7371

Scalability Enhancements
Hardware RAID-5

Lesson 2: WAE 612 & 7326 Disk Online Insertion and Removal

Failed Disk Replacement
Disk Failure Detection
Pre-replacement Processes
Post-replacement Processes
CLI Support

Module 2: Secure WAN Optimization

Lesson 1: Disk Encryption with Centralized Key Management

Disk Encryption
Encrypted Partitions
Centralized Key Management
Keys for Non-persistent Partitions
Enabling and Disabling Disk Encryption

Lesson 2: Cisco Security Appliance Interoperability

Platform Requirements
Deployment Scenarios

Module 3: Network Path Affinity

Lesson 1: Egress Methods for Intercepted Connections

IP Forwarding
WCCP GRE
Configuring Egress Methods

Module 4: Management

Lesson 1: Integration with NetQoS

FlowAgent Application Integration
NetQoS Components
NetQoS Configuration and Operation

Lesson 2: Preposition Enhancements

Multiple Root Selection Per File Server
Hidden Directory Support

Lesson 3: WAAS Central Manager Enhancements

System and Device Pages
Alarms Dashboard Pane
Configuring the Device Page Dashboard
Display
Real Time TCP Connection Monitoring

Lesson 4: New and Changed Commands

CLI Commands Modified in Version 4.0.13
CLI Commands Removed in WAAS
version 4.0.13
CLI Commands Added in Version 4.0.13
for WAE-7341 and WAE-7371



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