

Cisco Wide-Area App Service (CWAAS) v2.0.1

Vendor Course Code: CWAAS 2.0.1

Course Length: 2 days

Overview: In this course, you will learn about Cisco WAAS WAN optimisation and application acceleration technologies. You will learn how to design a basic WAAS configuration, and how to configure WAE devices to implement traffic flow optimisation and application-specific optimisations.

New features in the WAAS 4.1.1 platform are covered, including new application optimisers, Windows on WAAS virtual blades, and management enhancements. The WAAS Mobile client software is also covered in class.

Skills Gained:

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

- Integrate Cisco WAAS into an existing network infrastructure
- Install and configure WAEs
- Perform a rapid installation and deployment of WAAS using inline interception
- Configure traffic interception using WCCPv2
- Use the WAAS Central Manager to centrally configure, manage, and monitor a topology of WAE devices
- Configure application traffic policies
- Configure WAAS virtualisation and Windows on WAAS
- Configure CIFS and NFS optimisation
- Configure network printing
- Configure HTTP, MAPI, video, and SSL optimisation
- Install and configure WAAS Mobile
- Design Cisco WAAS solutions based on performance, scalability, and capacity sizing metrics
- Monitor and troubleshoot a WAAS deployment
- Install and configure WAAS Mobile
- WAAS Mobile

Key Topics:

Module 1: Cisco Wide Area Application Services

- Lesson 1: Introducing Cisco WAAS
- Lesson 2: Understanding WAN Optimisation
- Lesson 3: Understanding Application Acceleration

Module 2: WAAS Quick Start

- Lesson 1: Introducing Traffic Interception
- Lesson 2: Installing and Configuring WAAS Using Quick Start

Module 3: Implementation, Integration, and Management

- Lesson 1: Performing an Advanced WAE Installation and Configuration
- Lesson 2: Configuring Traffic Interception
- Lesson 3: Configuring Cisco WAAS Virtualisation
- Lesson 4: Implementing Cisco WAAS Central Management
- Lesson 5: Configuring Application Traffic Policies
- Course Outline

Module 4: Cisco WAAS Application

- Optimisers
- Lesson 1: Configuring CIFS Optimisation
- Lesson 2: Configuring WAAS Network Printing
- Lesson 3: Configuring NFS Optimisation
- Lesson 4: Configuring HTTP Optimisation
- Lesson 5: Configuring MAPI Optimisation
- Lesson 6: Configuring Streaming Video Optimisation
- Lesson 7: Configuring SSL Optimisation

Module 5: Cisco WAAS Mobile Client Solution

- Lesson 1: Installing WAAS Mobile
- Lesson 2: Configuring WAAS Mobile Options
- Lesson 3: Troubleshooting WAAS Mobile

Module 6: Cisco WAAS Design Solutions

- Lesson 1: Planning a Cisco WAAS Network Design
- Course Labs
- Module 7: Troubleshoot Cisco WAAS
- Lesson 1: Troubleshooting Introduction
- Lesson 2: Troubleshooting Network Interception
- Lesson 3: Troubleshooting WAN Optimisation
- Lab 1: WAAS Quick Start
- Lab 2: Configure the NME-WAE and WCCP
- Lab 3: Configure Cisco WAAS Virtualisation
- Lab 4: Configure Application Traffic Policies, Device Groups and Disk Encryption
- Lab 5: Configure Application Optimisers and Printing
- Lab 6: Configure the WAAS Mobile Client
- Lab 7: Workshop: Designing Cisco WAAS Solutions

Target Audience:

This course is designed for both pre-sales and post-sales systems engineers, as well as server, storage, and network IT managers.

Prerequisites:

You will gain the most from this course if you have fundamental knowledge of data networking and Microsoft Windows networking technologies.