



Deploying the Cisco Catalyst 6500 Virtual Switching System

Length
0.5 days

Format
Lecture/lab

Track
Design
& Deploy

Version
1.1

Course Description

Network operators increase network reliability by configuring switches in redundant pairs and by provisioning links to both switches in the redundant pair. A virtual switching system (VSS) combines a pair of Cisco Catalyst 6500 Series switches into a single network element. The VSS manages the redundant links, which externally act as a single port channel.

This half-day, hands-on course covers the design, deployment, and operations of the VSS system.

Who Should Attend

This course provides in-depth technical training for system engineers, network engineers, and field engineers who need to deploy, configure, and manage VSS.

Recommended Prerequisites

- CCNA certification or equivalent level of expertise is strongly recommended

Related Training

- Deploying Firewall Services with the Cisco Catalyst 6500 FWSM (CAT6K-FWSM)
- Catalyst 6500 Service Module Integration in the Data Center (CAT6K-SMI)

VSS

Course Outline

- VSS Architecture
- VSS 1440 Operation
- VSS EtherChannel Concepts
- VSS 1440 Hardware Requirements
- Deploying VSS 1440
- Configuring VSS 1440
- VSS High Availability
- VSS Software Upgrade

Course Labs

- Convert chassis to VSS mode
- Deploy and verify MultiChassis EtherChannel
- Enhance VSS operation with BFD dual-active detection mechanism
- Examine and verify VSS operation
- Convert VSS chassis back to standalone mode



Learning
Solutions