

## **Cisco 6500/6800 Training**

### **Course Overview**

The Catalyst 6500 Switch has been a core component of a Cisco network for many years and this course has been specifically designed for system and field engineers, consulting system engineers, technical solutions architects, Cisco integrators and Cisco Partners who install and implement the Cisco Catalyst 6500 Series Switches. The course covers the key components and procedures that are needed to install, configure, manage, and troubleshoot the Cisco Catalyst 6500 Series Switches in the network environment.

### **Course Content**

#### **Cisco Catalyst 6500 Series Switches Architecture**

- Assessing the Cisco Catalyst 6500 Series Switches
- Listing Cisco Catalyst 6500 Series Switch Supervisor Engines
- Choosing Cisco Catalyst 6500 Series Switch Line Cards
- Characterizing Packet Forwarding in a Cisco Catalyst 6500 Series Switch
- Describing Unicast Packet Walks Between Different Line Cards

#### **Core Technologies on the Cisco Catalyst 6500 Series Switches**

- Applying the Virtual Switching System 1440/4T to a Network
- Analyzing Multicast on the Cisco Catalyst 6500 Series Switches
- Characterizing Identity and Authentication
- Introducing Network Virtualization
- Describing Data Center Interconnect
- Planning and Implementing High Availability

#### **Cisco Catalyst 6500 Monitoring and Operations**

- Configuring SPAN, RSPAN, and ERSPAN
- Configuring NetFlow
- Introducing Enhanced Manageability
- Deploying Control Plane Policing
- Implementing ACL Features
- Prioritizing Traffic Through the Cisco Catalyst 6500 Using QoS