

ADVANCED CISCO CATALYST 6500 SWITCHING (CAT6KS)

The CAT6KS course enables customers to build scalable, reliable, and intelligent Data Center and Campus networks using Catalyst 6500 Series switches with updated content that aligns with the current Catalyst 6500 enterprise solutions. CAT6KS also provides advanced switching training to supplement the BCMSN 3.0 CCNP Switching Class and provides a design-concept module focused on the Catalyst 6500 features that differentiate the Catalyst 6500 as a solution for next-generation Data Center and Campus networks.

Requisitos

SWITCH is recommended

Objetivos

- Describing the Options and Hardware available for the Catalyst 6500 Switches: Chassis, Line Card, Supervisor, MSFC, PFC, SFM, DFC, Power Supplies, Architecture, Service Modules Overview
- Virtual Switching System 1440 Architecture, Operation and Configuration
- Deploying and Examining IOS Software Modularity
- Recovering the Supervisor Password
- Managing and Upgrading IOS on Catalyst 6500
- VLAN Enhancements: VTP and Trunk Configuration Guidelines and Restrictions
- Spanning Tree, Rapid and Multiple Spanning-Tree Operation
- Spanning-Tree Enhancements: BPDU Guard and Filter, Root Guard, Loop Guard, PortFast, UplinkFast, BackboneFast
- Using Unidirectional Link Detection
- Using EtherChannel including MultiChassis EtherChannel in VSS mode
- Configuring NetFlow and NDE
- Understanding and Implementing Catalyst 6500 QoS options
- Deploying and Examining Embedded Event Manager
- Utilizing Automated Diagnostics (GOLD, TDR, On Board Failure Logging, System Event Archive, Smart Call Home)
- Implementing SPAN, RSPAN, and ERSPAN
- Implementing High Availability Features (HSRP, FHRP, VRRP, GLBP)
- Implementing Catalyst 6500 Stateful Switchover options (RPR, RPR+, SSO, NSF)
- Network Security Enhancements (TCP Intercept, Unicast RPF, Storm Control, VLAN ACL, VACL Capture, DAI, DHCP Snooping, IP Source Guard, CoPP, Port Security, VLAN, IEEE 802.1X Port-Base Authentication)