Cisco IP Switched Networks (CCNP Switch), Part 4 of 7: Inter VLAN-Routing

Meet the expert: As a certified Microsoft Instructor, Ken has focused his career on various security aspects of computer and network technology since the early 1980s. He has offered a wide variety of IT training and high level consulting projects for Fortune 500 companies globally. Through the course of his extensive career, he has taught a full line of Microsoft, CompTIA, Cisco, and other high level IT Security curricula.

Prerequisites: This is part 4 of the series.

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Course description: This courses discusses the variety of ways to do inter-VLAN routing. It talks about broadcast domains and how to focus on routing traffic between different VLANs and beyond with both routers and multi-layer switches.

Course outline:

VLAN Routing
- Introduction
- Router on a Stick
- Demo: Build a Network
- Demo: Sub-Interfaces
- Demo: Add a Host
- Demo: Router on a Stick
- Summary

External Routing
- Introduction
- Pros and Cons of an External Router
- Using an MLS
- SVI eNotes
- Layer 2 to Layer 3
- Summary

Switch Virtual Interface
- Introduction
- Demo: Build a Network
- Demo: Add Addresses
- Demo: Create VLAN Interfaces
- Demo: SVI Routing
- L3 Switch Interface eNotes
- Requirements for an SVI
- EtherChannel on L3
- Summary