Cisco IP Switched Networks (CCNP Switch), Part 6 of 7: L3 First Hop Redundancy Protocol

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 6 of the series.

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Course description: Communications protocols help traffic rout more efficiently all lumped into an acronym of FHRP -- First hop redundancy protocol.

Course outline:

FHRP and HSRP
- Introduction
- The Need for FHRP eNotes
- Example of FHRP eNotes
- HSRP Toplogy eNotes
- Configuration of HSRP eNotes
- Demo: HSRP
- Demo: Set up Router 2
- Demo: Pre-empt
- Summary

HSRP Continued
- Introduction
- What Is HSRP Pre-empt
- HSRP Transition Steps
- HSRP State Transitions
- STP and HSRP
- Can You Load Share
- Interface Tracking
- Tracking Objects eNotes
- Demo: HSRP Failover and Tracking
- Object Tracking Goals
- Summary

Timers and VRRP
- Introduction
- HSRP Timers
- HSRP Versions
- VRRP
- VRRP eNotes
- Demo: Configure VRRP
- Demo: Using VRRP
- Minor Changes
- VRRP Authentication and Tracking
- Summary
- GLBP
- GLBP Election
- Overview of GLBP eNotes
- Summary
- Summary