



Implementing Secure Solutions with Virtual Private Networks (SVPN)

Course ID #: 7000-236-ZZ-Z

Hours: 35

Course Content

Course Description:

Implementing Secure Solutions with Virtual Private Networks (SVPN) is a 5-day course which teaches students how to implement, configure, monitor, and support enterprise Virtual Private Network (VPN) solutions. Through a combination of lessons and hands-on experiences students will acquire the knowledge and skills to deploy and troubleshoot traditional Internet Protocol Security (IPsec), Dynamic Multipoint Virtual Private Network (DMVPN), FlexVPN, and remote access VPN to create secure and encrypted data, remote accessibility, and increased privacy.

At Course Completion:

After completing this course, student will be able to:

- Introduce site-to-site VPN options available on Cisco router and firewalls
- Introduce remote access VPN options available on Cisco router and firewalls
- Review site-to-site and remote access VPN design options
- Review troubleshooting processes for various VPN options available on Cisco router and firewalls

Prerequisites:

- Familiarity with the various Cisco router and firewall command modes
- Experience navigating and managing Cisco routers and firewalls
- Clear understanding of the benefits of site-to-site and Remote Access VPN options

Target Student:

- Network security engineer
- CCNP Security candidate
- Channel Partner

Topics:

Introducing VPN Technology Fundamentals

Implementing Site-to-Site VPN Solutions

Implementing Cisco Internetwork Operating System (Cisco IOS®) Site-to-Site FlexVPN Solutions

Implement Cisco IOS Group Encrypted Transport (GET) VPN Solutions

Implementing Cisco AnyConnect VPNs

Implementing Clientless VPNs