

Implementing Secure Solutions with Virtual Private Networks v1.0

Course#: SVPN
Duration: 5 Days
Price: 0.00

Course Description

Through a combination of lessons and hands-on experiences the SVPN - Implementing Secure Solutions with Virtual Private Networks v1.0 course enables you to 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.

Objectives

After taking this course, you should 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 firewall

Audience

This course is designed for professionals in the following job roles:

- Network security engineer
- CCNP Security candidate
- Channel Partner

Prerequisites

Before taking this course, you should have the following knowledge and skills:

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

SCOR - Implementing and Operating Cisco Security Core Technologies v1.0

Content

Virtual Classroom Live Outline

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

Virtual Classroom Live Labs

Explore IPsec Technologies

Implement and Verify Cisco IOS Point-to-Point VPN

Implement and Verify Cisco Adaptive Security Appliance (ASA) Point-to-Point VPN

Implement and Verify Cisco IOS Virtual Tunnel Interface (VTI) VPN

Implement and Verify Dynamic Multipoint VPN (DMVPN) Troubleshoot DMVPN

Implement and Verify FlexVPN with Smart Defaults

Implement and Verify Point-to-Point FlexVPN

Implement and Verify Hub and Spoke FlexVPN

Implement and Verify Spoke-to-Spoke FlexVPN

Troubleshoot Cisco IOS FlexVPN

Implement and Verify AnyConnect Transport Layer Security (TLS) VPN on ASA

Implement and Verify Advanced Authentication, Authorization, and Accounting (AAA) on

AnyConnect VPN

Implement and Verify Clientless VPN on ASA