SVPN - IMPLEMENTING SECURE SOLUTIONS WITH VIRTUAL PRIVATE NETWORKS V1.1

Course Code: 100497

Learn to implement, configure, monitor, and support enterprise Cisco Virtual Private Network (VPN) solutions.

EXCLUSIVE TO GLOBAL KNOWLEDGE - Enhance your Cisco learning experience with complimentary access to our Introduction to Cybersecurity On-Demand course, course recordings, IT Resource Library, and digital courseware.

Learn more

Through a combination of lessons and hands-on experiences the *SVPN - Implementing Secure Solutions with Virtual Private Networks v1.1* 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.

This course is eligible for 40 Continuing Education Credits (ILT & ELT Modality).

What You'll Learn

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

Who Needs to Attend

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

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CLASSROOM LIVE	$5,195 CAD	5 Day

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VIRTUAL CLASSROOM LIVE	$5,195 CAD	5 Day

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

Oct 27 - 31, 2025 | 8:30 AM - 4:30 PM EDT

Dec 1 - 5, 2025 | 8:30 AM - 4:30 PM EST

Mar 16 - 20, 2026 | 8:30 AM - 4:30 PM EDT

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ON-DEMAND	$650 CAD

On-Demand 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

On-Demand 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
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PRIVATE GROUP TRAINING	5 Day

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