



## Implementing Secure Solutions with Virtual Private Networks (SVPN) v1.0

The Implementing Secure Solutions with Virtual Private Networks (SVPN) v1.0 course teaches you how to implement, configure, monitor, and support enterprise Virtual Private Network (VPN) solutions. Through a combination of lessons and hands-on experiences you 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.

This course will prepare you for the 300-730 Implementing Secure Solutions with Virtual Private Networks (SVPN) exam.

### How you'll benefit

This course will help you:

- Acquire the knowledge and skills to enhance Internet privacy, speed, and performance
- Gain hands-on experience using the tools to ensure premium data security
- Earn 40 CE credits toward recertification

### Why Attend with Current Technologies CLC

- Our Instructors are the top 10% rated by Cisco
- Our Lab has a dedicated 1 Gig Fiber Connection for our Labs
- Our Labs run up to Date Code for all our courses



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### Objectives

Upon completing this course, the 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

### Who Should Attend

The primary audience for this course is as follows:

- 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

The following Cisco courses can help you gain the knowledge you need to prepare for this course:

- Implementing and Administering Cisco Solutions (CCNA®)
- Implementing and Operating Cisco Security Core Technologies (SCOR)

<b>Course Duration</b>
5 day
<b>Course Price</b>
\$3,995.00
<b>Methods of Delivery</b>
• ILT
• V-ILT
<b>Certification Exam</b>
300-730
<b>Cisco CE Credits</b>
40



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### Course Outline

**Module 1: Introducing VPN Technology Fundamentals**

**Module 2: Implementing Site-to-Site VPN Solutions**

**Module 3: Implementing Cisco Internetwork Operating System (Cisco IOS®) Site-to-Site FlexVPN Solutions**

**Module 4: Implement Cisco IOS Group Encrypted Transport (GET) VPN Solutions**

**Module 5: Implementing Cisco AnyConnect VPNs**

**Module 6: Implementing Clientless VPNs**

### LAB OUTLINE

- 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 Cisco AnyConnect VPN
- Implement and Verify Clientless VPN on ASA