

Deploying Cisco ASA VPN Solutions (VPN)

Duration 5 Days

COURSE CONTENT

The Deploying Cisco ASA VPN Solutions (VPN) 2.0 course is part of the curriculum path leading to the Cisco Certified Network Professional Security (CCNP Security) certification. It is a five-day instructor-led course aimed at providing you with the knowledge and skills needed to implement and maintain Cisco ASA-based perimeter solutions. Upon completion, you will be able to reduce risk to the IT infrastructure and applications using Cisco ASA features, and provide detailed operations support for the Cisco ASA.

COURSE OBJECTIVES

Upon completing this course, you will be able to:

- Describe the general properties of the Cisco ASA VPN subsystem
- Implement and maintain Cisco clientless remote access SSL VPNs on the Cisco ASA adaptive security appliance VPN gateway
- Implement and maintain Cisco AnyConnect client-based remote access SSL VPNs on the Cisco ASA security appliance VPN gateway according to policies and environmental requirements
- Implement and maintain Cisco remote access IPsec VPNs on the Cisco ASA VPN gateway according to policies and environmental requirements
- Implement and maintain site-to-site VPN solutions on the Cisco ASA security appliance VPN gateway according to policies and environmental requirements
- Deploy endpoint security with Cisco Secure Desktop and DAP, and deploy and manage high-availability and high-performance features of the Cisco ASA security appliance

COURSE OUTLINE

- **Module 1:** The Cisco ASA Adaptive Security Appliance VPN Architecture and Common Components
- **Module 2:** Cisco ASA Adaptive Security Appliance Clientless Remote Access SSL VPN Solutions
- **Module 3:** Cisco AnyConnect Remote Access SSL Solutions
- **Module 4:** Cisco ASA Adaptive Security Appliance Remote Access IPsec VPNs
- **Module 5:** Cisco ASA Adaptive Security Appliance Site-to-Site IPsec VPN Solutions
- **Module 6:** Endpoint Security and High Availability for Cisco ASA VPNs

PREREQUISITES

The knowledge and skills you must have before attending this course are:

- Cisco Certified Network Associate (CCNA) certification
- Cisco Certified Network Associate Security (CCNA Security) certification
- Deploying Cisco ASA Firewall Solutions (FIREWALL)
- Working knowledge of the Microsoft Windows operating system

WHO SHOULD ATTEND

This course is intended for:

- Network Security Engineers (NSEs) involved in VPN design, implementation and maintenance
- Cisco customers who implement and maintain Cisco ASA (adaptive security appliance) based VPN solutions

Others who would find this course useful include:

- Cisco channel partners who sell, implement, and maintain Cisco ASA security appliances
- Cisco engineers who support the sale of Cisco ASA security appliances

The course is used in these certifications, specializations, curricula, and learning maps: Certifications:

- Cisco Certified Network Professional Security (CCNP Security)

Curricula, specializations, and learning maps:

- CCNP Security (and optionally some related specializations within the CCNP Security program)