SVPN
Implementing Secure Solutions with Virtual Private Networks

Description:

This authorized five-day is designed to prepare network security engineers with the knowledge and skills they need to protect data traversing a public or shared infrastructure such as the Internet by implementing and maintaining Cisco VPN solutions. Students of this course will gain hands-on experience with configuring and troubleshooting remote access and site-to-site VPN including traditional IPsec, DMVPN, FlexVPN.

Students will be able to:

- Describe the various VPN technologies and deployments as well as the cryptographic algorithms and protocols that provide VPN security
- Implement and maintain Cisco site-to-site VPN solutions
- Implement and maintain Cisco FlexVPN in point-to-point, hub-and-spoke, and spoke-to-spoke IPsec VPNs
- Implement and maintain Cisco clientless SSL VPNs
- Implement and maintain Cisco AnyConnect SSL and IPsec VPNs

Course requirements:

- Knowledge how to configure Cisco routers and firewalls
- Clear understanding of the benefits of Site-to-Site and Remote Access VPN options
- It is recomended that participants have knowledge of topics from courses CCNA and SCOR

This course is intended for:

- Network security engineers
- Applicants for 300-730 SVPN exam, which is the part of CCNP Security (Cisco Certified Network Professional) and Cisco Certified Specialist - Network Security VPN Implementation certifications

Literature:

All participants will get original Cisco student and lab guides and time limited remote access to lab environment.

Hardware:

Labs are practised on Cisco delivered Virtual lab environment. Classrooms are equipped with high-performance computers with Internet access and the possibility of wireless connection.

Syllabus:

- Introducing VPN Technology fundamentals
- Implementing Site-to-Site VPN Solutions
- Implementing Cisco IOS Site-to-Site FlexVPN solutions

- Implementing Cisco IOS GET VPN Solutions
- Implementing Cisco AnyConnect VPN
- Implementing Clientless VPNs

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