

SWSA

Securing the Web with Cisco Web Security Appliance

Description:

The Securing the Web with Cisco Web Security Appliance (SWSA) v3.0 course shows you how to implement, use, and maintain Cisco® Web Security Appliance (WSA), powered by Cisco Talos, to provide advanced protection for business email and control against web security threats.

Students will be able to:

- Describe Cisco WSA
- Deploy proxy services
- Utilize authentication
- Describe decryption policies to control HTTPS traffic
- Understand differentiated traffic access policies and identification profiles
- Enforce acceptable use control settings
- Defend against malware
- Describe data security and data loss prevention
- Perform administration and troubleshooting

Course requirements:

- TCP/IP services, including Domain Name System (DNS), Secure Shell (SSH), FTP, Simple Network Management Protocol (SNMP), HTTP, and HTTPS
- IP routing

This course is intended for:

- Security architects
- System designers
- Network administrators
- Operations engineers
- Network managers, network or security technicians, and security engineers and managers responsible for web security
- Cisco integrators and partners

Literature:

All participants will receive original Cisco certified study materials.

Hardware:

Exercises are performed on Cisco devices. All classrooms are equipped with high-performance computers connected to the Internet, the classrooms are spacious, air-conditioned, barrier-free and with Wi-Fi connection. If interested, students can join the course online live.

Syllabus:

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- Describing Cisco WSA
- Deploying Proxy Services
- Utilizing Authentication
- Creating Decryption Policies to Control HTTPS Traffic
- Understanding Differentiated Traffic Access Policies and Identification Profiles
- Defending Against Malware
- Enforcing Acceptable Use Control Settings
- Data Security and Data Loss Prevention
- Performing Administration and Troubleshooting