



CISCO TRAINING

Securing the Web with Cisco Web Security Appliance

Deploy and manage Cisco Web Security Appliance to defend against web-based attacks.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This intensive 2-hour intermediate course, "Securing the Web with Cisco Web Security Appliance," is meticulously designed for IT professionals aiming to fortify their organizational networks against sophisticated web-based threats. Participants will gain practical expertise in deploying, configuring, and managing Cisco's industry-leading Web Security Appliance (WSA), a powerful solution for comprehensive web security. The course covers essential concepts such as advanced malware protection, granular URL filtering, application visibility and control, and secure web access policies.

By focusing on core technologies within the Cisco WSA ecosystem, this program equips learners with the skills to effectively combat phishing attacks, drive-by downloads, command-and-control callbacks, and data exfiltration attempts. You will learn to implement robust security measures that not only protect users from malicious content but also ensure compliance with organizational internet usage policies. Mastering Cisco WSA positions you as a critical asset in maintaining a secure and productive digital environment, enhancing your career trajectory in network security and cybersecurity operations.

Duration	2 hours
Level	Intermediate
Vendor	Cisco

COURSE CURRICULUM

- 01 **Module 1: Cisco WSA Fundamentals and Initial Configuration**
 - Introduction to Cisco Web Security Appliance (WSA) and its role in web security
 - WSA architecture and deployment modes (Proxy, Transparent, WCCP)
 - Initial setup, network configuration, and system administration basics
 - Understanding licensing and basic policy flow
- 02 **Module 2: Web Proxy and Access Policies**
 - Configuring HTTP/HTTPS proxy services
 - Implementing user authentication methods (LDAP, NTLM, RADIUS)
 - Creating and managing URL filtering policies and categories
 - Applying application visibility and control for web applications
- 03 **Module 3: Advanced Threat Protection and Monitoring**
 - Understanding and configuring malware protection features
 - Integrating with Cisco Advanced Malware Protection (AMP) for web
 - Leveraging web reputation filters for proactive threat defense
 - Basic logging, reporting, and monitoring of web security events

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Network Security Engineer specializing in perimeter defense**
- > **Cybersecurity Analyst focused on web threat mitigation**

> Security Operations Center (SOC) Analyst with web gateway expertise

FREQUENTLY ASKED QUESTIONS

Q: What specific web security threats will I be equipped to mitigate after completing this 2-hour Cisco WSA course?

Upon completion, you will be proficient in configuring Cisco WSA to mitigate a range of web-based threats including sophisticated malware (ransomware, spyware), phishing attempts, drive-by downloads, command-and-control communications, and unauthorized access to malicious websites. You'll gain practical skills in implementing policies that prevent data exfiltration over HTTP/HTTPS and control employee access to specific web applications or categories of content.

Q: What are the recommended prerequisites for effectively undertaking this 'Securing the Web with Cisco Web Security Appliance' course?

This intermediate-level course assumes a foundational understanding of networking concepts (TCP/IP, HTTP/HTTPS), basic cybersecurity principles, and familiarity with network security devices like firewalls. While not strictly required, prior exposure to Cisco command-line interfaces or general security administration would be beneficial to maximize your learning experience in this fast-paced 2-hour session.

Q: How does mastering Cisco WSA specifically enhance my career prospects in network security, beyond general cybersecurity knowledge?

Mastering Cisco WSA provides you with a highly sought-after, vendor-specific skill that is crucial for organizations relying on Cisco's robust security ecosystem. This specialized knowledge directly translates into roles requiring the deployment and management of enterprise-grade web security solutions, making you indispensable for securing the perimeter against evolving web threats. It signifies your ability to work with specific, powerful tools, differentiating you from candidates with only generic cybersecurity certifications and opening doors to specialized network security engineering and analyst positions.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke