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COURSE OUTLINE:

FIREWARE ESSENTIALS

WatchGuard Fireware Essentials offers an introduction to network security concepts using WatchGuard's award-winning WatchGuard System Manager software and WatchGuard's appliance software Fireware. The course concentrates on installation, configuration, and management of any Fireware software. Learn how to create a basic security policy with the Fireware Policy Manager, control logging and notification, and build custom activity reports. This course is intended for the user new to WatchGuard hardware and software.

Audience

WatchGuard Firewall Administrators and WatchGuard Firebox Installers.

Prerequisite

Before attending the class, you need a general understanding of basic networking concepts including network topologies, IP addressing, and subnets.

At Course Completion

Students will have an understanding of the WatchGuard Firebox appliance, Fireware, and its security capabilities. Students will also be shown how to better monitor their Firebox appliances.

Duration

Three days.

Materials

Participants receive a student course guide, which includes training materials presented during the class as well as hands-on lab exercises used in the course.



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Course Overview

Specific topics covered in this course include:

- WSM components and network design
- Identifying WSM applications
- Working with configuration files
- Setting up logging and notification
- Configuring the Firebox interfaces
- Network Address Translation
- Identifying users on your network
- Implementing a security policy
- Working with Proxies and Application Layer Gateways
- Configuring the FTP Proxy
- Working with the SMTP Proxy
- Using the DNS Proxy
- Managing Web traffic through the firewall
- Monitoring traffic through your Firebox
- Working with Dimension
- Working with Log and Report Manager
- Generating reports of network activity
- Using IPS to protect your network
- Implementing a signature-based IPS
- Implementing Reputation Enabled Defense
- Implementing Application Control
- Implementing Threat Protection
- Implementing Signature Services
- Implementing Advanced Persistent Threat Protection
- Blocking e-mail viruses and Spam at the gateway
- Active Directory Authentication Basics and Single Sign-On
- Working with Branch Office VPNs
- Working with Mobile VPN
- Introduction to Fireware Web UI