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## **COURSE OUTLINE:**

### **ADVANCED TOPICS – WORKING WITH WATCHGUARD FIREWARE XTM**

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*Advanced Topics – Working with WatchGuard Fireware XTM* offers a more in-depth look at network security concepts and features of WatchGuard's appliance software Fireware Pro<sup>TM</sup>. The course builds on the fundamentals explored in the foundation course, *Firewalling Basics and Virtual Private Networking with Fireware XTM*. This course is intended for students who have completed the course, *Firewalling Basics and Virtual Private Networking with Fireware XTM*.

#### **Audience**

WatchGuard Firewall Administrators and WatchGuard Firebox<sup>®</sup> Installers.

#### **Prerequisite**

*Firewalling Basics and Virtual Private Networking with Fireware XTM*

#### **At Course Completion**

Students will have a deeper understanding of the WatchGuard Firebox<sup>®</sup> appliance, Fireware XTM, and its security capabilities.

#### **Duration**

Two 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

Some specific topics covered in this course include:

- Traffic Management
- FireCluster
- Routing
- Multi-WAN Methods
  - Examine the purpose and uses of multi-WAN, sticky connections
  - Learn about the different routing method types
- Working with virtual local area networks (VLANs)
  - Learn about different VLAN technologies that are in use today
  - Learn how to successfully deploy VLANs with your Firebox
- Active Directory Authentication integration
  - Learn how Fireware can use your Active Directory users and groups to authorize users to access network resources
  - Learn how to work with Fireware's Single Sign On (SSO) feature
- Virtual Private Network (VPN) Topics
  - Branch Office VPN Tunnels
  - Mobile VPNs
  - Learn about creating VPNs in a Multi-WAN environment
  - Learn about implementing a VPN failover environment