



# Official Training Program WatchGuard Firewall OS with Network Security Essentials

## Four Days Class Summary

### LEVEL 1

Introductions and Lab logistics  
WatchGuard products & Solutions  
WatchGuard Firebox: Configuration and Installation  
WatchGuard System Manager and Web Interface Management  
Firmware Upgrades and Device Backups  
Feature Key Licensing  
Configuration Migration  
Network Configuration and Interface Setup  
Networking and NAT Methods (Network Address Translation)  
Default Threat Protection  
Firebox System Manager and Hostwatch Traffic Monitoring  
Traffic Logging and Analysis  
Policy Precedence  
Packet Filter Policies  
Proxy Policies - HTTP, HTTPS, DNS, SMTP, FTP and TCP-UDP  
Web Traffic and WebBlocker Policy Implementation  
Application Control  
APT Blocker  
Botnet Detection  
Data Loss Prevention (DLP)  
Gateway Antivirus (GAV)  
Geolocation  
IntelligentAV (Cylance)  
Intrusion Prevention Service (IPS)  
Reputation Enabled Defense (RED)  
SpamBlocker  
Drag-and-Drop VPNs (Managed VPNs)  
Support and Troubleshooting

### LEVEL 2

Dynamic Routing and Static Routes  
Deep Packet Inspection over HTTPS  
Manual Branch Office VPN Configuration (BOVPN)  
Virtual Branch Office VPN Configuration  
Mobile User VPNs - IKEv2, SSL, L2TP, IPSec  
Firebox Authentication  
Active Directory Authentication and Single-Sign On (SSO)  
WatchGuard Dimension and Dimension Command  
Traffic Management  
WatchGuard Management Server (Centralized Management)  
VLAN Configuration  
Multi-WAN Methods - Round Robin, Failover, Routing Table and Interface Overflow  
Link Monitoring  
SD-WAN Setup and Configuration  
Cloud Visibility (Cloud Dimension)  
Access Portal  
Threat Detection and Response (TDR)  
DNSWatch  
High Availability/Cluster Configuration (Active/Active and Active/Passive)  
Watchguard WiFi & Hotspot