# Sophos Firewall Engineer Course Overview

This course is designed for technical professionals who will be demonstrating Sophos Firewall and provides an overview of the product, including an introduction to the major capabilities and core configuration concepts.

Sophos Academy

SOPHOS

## Delivery

This course is available online via the Training Portal, or as an instructor-led classroom course. Please contact your CAM or CAE to find out more about the availability of classroom courses in your region.

Electronic copies of the supporting documents for the course are provided to each trainee via the training portal.

## Duration

This course will take approximately **3 days (24 hours)** to complete.

## Assessment

To complete this course, trainees must take and pass an online assessment.

Trainees will have **2.5 hours** to complete the assessment; the pass mark is **80%** and trainees will have **4 attempts** to pass.

## Objectives

On completion of this course, trainees will be able to:

- Explain how Sophos Firewall helps to protect against security threats
- Configure firewall rules, policies, and user authentication
- Demonstrate threat protection and commonly used features
- Perform the initial setup of a Sophos Firewall and configure the required network settings

## Prerequisites

We recommend that you have the following knowledge and experience:

- Understanding subnetting and routing
- Configuring network security devices

If you are uncertain whether you meet the necessary prerequisites, please email us at globaltraining@sophos.com and we will be happy to help.

# Course Agenda

| Module | Chapter | Duration |
|---|---|---|
| **1. Sophos Firewall Overview** | | |
| Chapters | ▪ What is Sophos Firewall?<br>▪ Sophos Firewall Features and Attack Kill Chain | 30 minutes |
| **2. Sophos Firewall Deployment** | | |
| Chapters | ▪ Sophos Firewall deployment options and common Scenarios<br>▪ Deploying Sophos Firewall using the initial setup wizard | 25 minutes |
| **3. Getting Started with Sophos Firewall** | | |
| Chapters | ▪ Navigating and managing the Sophos Firewall using the web admin console<br>▪ Getting Started with Zones and Interfaces on Sophos Firewall<br>▪ Introduction to Routing and SD-WAN on Sophos Firewall<br>▪ Configuring DNS and DHCP on Sophos Firewall<br>▪ Managing Device Access and Certificates<br>▪ Getting Started with Traffic Shaping on Sophos Firewall | 70 minutes |
| **4. Base Firewall** | | |
| Chapters | ▪ Getting Started with Firewall and NAT Rules on Sophos Firewall<br>▪ Configuring TLS decryption on Sophos Firewall | 35 minutes |
| **5. Network Protection** | | |
| Chapters | ▪ Getting Started with Intrusion Prevention<br>▪ Active Threat Response on Sophos Firewall<br>▪ Getting Started with Security Heartbeat<br>▪ Getting Started with DNS Protection | 50 minutes |
| **6. Site-to-Site Connections** | | |
| Chapters | ▪ Connecting Sites with Sophos Firewall<br>▪ Configuring SSL Site-to-Site VPNs on Sophos Firewall<br>▪ Getting Started with IPsec Site-to-Site VPNs on Sophos Firewall<br>▪ Getting Started with Remote Ethernet Devices (REDs) on Sophos Firewall | 40 minutes |
| **7. Authentication** | | |
| Chapters | ▪ Introducing Authentication on Sophos Firewall<br>▪ Configuring Authentication Servers and Services on Sophos Firewall<br>▪ Configuring Azure AD SSO on Sophos Firewall<br>▪ Getting Started with Sophos Firewall Authentication<br>▪ Enabling Multi-Factor Authentication on Sophos Firewall | 85 minutes |
| **8. Web Protection** | | |
| Chapters | ▪ Sophos Firewall Web Protection Overview<br>▪ Configuring Web Protection on Sophos Firewall | 55 minutes |

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| | ▪ Sophos Firewall Web Protection Quotas and Traffic Shaping | |
| **9. Application Control** | | |
| Chapters | ▪ Getting Started with Application Control on Sophos Firewall<br>▪ Application Traffic Shaping on Sophos Firewall | 30 minutes |
| **10. Remote Access** | | |
| Chapters | ▪ Getting Started with Remote Access VPNs on Sophos Firewall<br>▪ Configuring Clientless Access on Sophos Firewall<br>▪ Getting Started with ZTNA on Sophos Firewall | 50 minutes |
| **11. Wireless Protection** | | |
| Chapters | ▪ Wireless Protection on Sophos Firewall | 10 minutes |
| **12. Logging and Reporting** | | |
| Chapters | ▪ Running and Customizing Reports on Sophos Firewall<br>▪ Managing Logs and Notifications on Sophos Firewall | 20 minutes |
| **13. Central Firewall Management** | | |
| Chapters | ▪ Running and Customizing Reports on Sophos Firewall<br>▪ Managing Logs and Notifications on Sophos Firewall | 25 minutes |
| **14. Course Review** | | |
| Chapters | ▪ How to find help from Sophos<br>▪ Course review | 10 minutes |

## Further Information

If you require any further information on this course, please contact us at globaltraining@sophos.com.

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