



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Sophos Certified Architect Central EndPoint and Server

CODE:	LENGTH:	PRICE:
SOP_CACES	24 Hours (3 days)	£1,500.00

Description

The course is available either online via the Partner 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.

It consists of presentations and practical lab exercises to reinforce the taught content, and electronic copies of the supporting documents for the course will be provided to each trainee through the online portal.

The course is expected to take 3 days (24 hours) to complete, of which approximately 9 hours will be spent on the practical exercises.

Objectives

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

- Design an installation considering all variables
- Undertake a multi-site installation appropriate for a customer environment
- Explain the function of core components, how they work, and how to configure them
- Track the source of infections and cleanup infected devices
- Perform preliminary troubleshooting and basic support of customer environments

Audience

This course provides an in-depth study of Sophos Central, designed for experienced technical professionals who will be planning, installing, configuring, and supporting deployments in production environments.

Prerequisites

Prior to taking this training you should:

Have completed and passed the Sophos Central Endpoint and Server Protection - Certified Engineer course

We recommend students have the following knowledge and experience:

- Experience with Windows networking and the ability to troubleshoot issues
- A good understanding of IT security
- Experience using the Linux command line for common tasks
- Experience configuring Active Directory Group Policies
- Experience creating and managing virtual servers or desktops

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

Programme

Module 1: User Management (30 mins)

- Review how users are added to Sophos Central
- Explain how API credentials are created in Sophos Central
- Enable and manage multi-factor authentication (MFA)
- Install and configure the AD Sync Utility Tool
- Configure Azure AD in Sophos Central

- Labs (20 mins)
- Register and activate a Sophos Central evaluation
- Install and Configure AD Sync Utility
- Enable multi-factor authentication

Module 2: Deployment Scenarios (60 mins)

- Identify some of the common challenges when deploying Central
- Deploy Update Caches
- Set up Message Relays
- Identify where Update Caches and Message Relays should be used
- Identify common licensing requirements
- Labs (60 mins)
- Deploy Sophos protection to a Windows Server
- Deploy an Update Cache and Message Relay

Module 3: Deployment (90 mins)

- Identify the recommended steps for deploying Sophos Central
- Explain the installation process of the Sophos Protection agent
- Automate deployment for Windows, Linux, and Mac computers
- Migration endpoints from Sophos Enterprise Console (SEC)
- Remove third-party products as part of deployment
- Use the Controlled Updates policies appropriately
- Labs (90 mins)
- Deploy Sophos protection to a Linux server
- Prepare and deploy using an Active Directory Group
- Complete the installation on DC and CLIENT
- Enable manually controlled updates
- Enable Server Lockdown (preparation for a later lab task)

Module 4: Protecting Virtual Servers (80 mins)

- Deploy and manage Sophos for Virtual Environments
- Deployment options for Azure hosted virtual servers
- Deployment options for AWS hosted virtual servers
- Optional Simulations (20 mins)
- Download the installer for the Security Virtual Machine
- Install the Security Virtual Machine (SVM) on a Hyper-V Server
- Configure Threat Protection policies to apply to the Security VMs and the Guest VMs they protect
- Perform a manual installation of the Guest VM Agent and view logs
- Test and configure a script to deploy the GVM Agent
- Manage Guest VMs from the Central Console
- Test Guest VM Migration
- Simulation Labs (30 mins)
- Configure automatic deployment for an Azure virtual server
- Configure automatic deployment for an AWS virtual server

Module 5: Protection Features (120 mins)

- Test and validate Endpoint Protection
- Configure exclusions
- Configure Data Loss Prevention
- Configure Tamper Protection
- Configure Server Protection Policies
- Configure and Manage Server Lockdown
- Set up File Integrity Monitoring
- Labs (90 mins)
- Prepare for a later lab task
- Configure and test threat protection policies
- Configure and test data control using CCLs
- Configure and Test Exclusions
- Configure and test Tamper Protection
- Configure Server Groups and Policies
- Manage Server Lockdown
- Test Linux Server Protection

Module 6: Logging and Reporting (45 mins)

- Review why an alert will appear in Sophos Central

- Identify the types of events
- Remediate alerts and define alert notifications
- Review which reports to use to run a health check
- Export data from Sophos Central into a SIEM application
- Locate client log files on Windows, Mac OS X and Linux
- Labs (20 mins)
- Configure SIEM with Splunk

Module 7: Managing Infections (45 mins)

- Review the types of detections and their properties
- Identify and use the tools available to manually cleanup malware
- Explain how the quarantine works and manage quarantined items
- Cleanup malware on a Linux server
- Labs (40 mins)
- Release a File from SafeStore
- Disinfect a Linux Server

Module 8: Endpoint Detection and Response (80 mins)

- Explain what EDR is and how it works
- Demonstrate how to use threat cases
- Explain Live Discover, data lake and pivoting
- Use Live Discover to actively hunt threats
- Explain how to use endpoint isolation for admin initiated and automatic isolation
- Demonstrate how to create a forensic snapshot and interrogate the database
- Explain how to use Live Response to perform IT administration tasks
- Labs (45 mins)
- Create a forensic snapshot and interrogate the database
- Use Live Discover to locate unauthorized programs

Test and Certification

To become a Sophos Certified Architect, trainees must take and pass an online assessment. The assessment tests their knowledge of both the presented and practical content. The pass mark for the assessment is 80% and is limited to 3 attempts.

Further Information

If you require any further information on this course, please contact us at educationteam.ecs.uk@arrow.com

Session Dates

On request. Please [Contact Us](#)

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)