



CERTIFYING TRAINING COURSE

Skybox Firewall Assurance

Overview

Skybox Firewall Assurance training provides the practical experience to create a complex analysis of organization firewalls, clean and optimize firewall rules, and track changes.

The concepts discussed are reinforced with interactive exercises to give learners hands-on experience in using and navigating the product's user interface and data flow.

Who Should Attend This Training Course?

This course is intended for the following participants:

Firewall administrators, security analysts, network operations engineers, compliance officers, security auditors, risk managers, change agents, etc.

Training Course Format

This instructor-led course is designed to be taught virtually or in a classroom setting. The estimated duration of the class is 8 hours or one day.

Agenda

Lesson 1: Introduction to Skybox Security and Firewall Assurance

- + Skybox overview
- + Firewall Assurance features & benefits
- + Demonstration

Lesson 2: Adding Devices to Skybox

- + Importing and adding firewalls to Skybox
- + Creation of Tasks and Task Sequences
- + Viewing a firewall's imported configuration
- + Exercise

Lesson 3: Working with the Web Client

- + Working with dashboards, widgets, and views
- + Using dashboard and view templates
- + Creating custom dashboards and views
- + Using Global Trends
- + Creating and generating reports

Lesson 4: Policy Compliance

- + Introduction to Rule Compliance
- + Working with Rule Compliance
 - Viewing Rule Compliance violations
 - Creating and managing exceptions
 - Customizing Rule Compliance policies
 - Running Rule Compliance Analysis
 - Reviewing new violations
- + Exercise
- + Introduction to Access Compliance
- + Viewing Access Compliance violations
- + Customizing Access Compliance policies
 - Introduction to Access Compliance policy structure
 - Creating policies and network zones
 - Creating new Access Check Groups and assigning them to Policy Sections
 - Mapping firewalls' network interfaces to network zones
 - Running Firewall Access Compliance Analysis
 - Reviewing new violations
- + Exercise

Lesson 5: Configuration Compliance

- + Introduction to Configuration Compliance
- + Working with Configuration Compliance
 - Viewing Configuration Compliance violations
 - Customizing Configuration Compliance policies
 - Running Firewall Configuration Compliance Analysis
 - Reviewing new violations
- + Discovering Network Device Vulnerabilities
- + Reviewing the detected vulnerabilities
- + Exercise

Lesson 6: Optimization and Cleanup

- + Introduction to Optimization and Cleanup
- + Viewing Overlapping Rules
- + Viewing Rule & Object usage
- + Rule Usage Analysis Flows
- + Exercise

Lesson 7: Change Tracking

- + Introduction to Change Tracking
- + Viewing tracked changes to rules and objects
- + Change Tracking collection methods
- + Change Reconciliation
- + Rule History
- + Exercise

Exam: Skybox Certified Firewall Assurance Expert

Student Setup Guide

Skybox training conducts classes in a lecture with lab format. The requirements listed in this section are in place to ensure that the trainer can conduct effective discussions and demonstrations and that the students can perform all the lab exercises. Failure to meet these requirements may compromise the value of the training. Please contact customer.training@skyboxsecurity.com if you cannot meet any of these requirements.

Basic Requirements

- + Stable internet access
- + Up-to-date HTML5 capable browser