

# SKYBOX CERTIFIED PROFESSIONAL SERVICE (SCPS)

TRAINING COURSE



## Overview

The Skybox Certified Professional Service training course trains partners on how to approach Skybox deployment and details about individual deployment topics, including best practices and real time scenarios. In addition, the course will cover common administrative tasks in the Skybox platform and how to integrate them into existing corporate processes, to maintain Skybox post-deployment.

The topics discussed are reinforced with interactive exercises aimed at providing partners with hands-on experience with common day-to-day activities

## Who Should Attend This Training Course?

This course is intended for the following participants: Security Consultant, IT System/Security Administrators, Network Architects, etc.

Participation in this training course requires completion of either one of the courses below:

- Skybox Certified Technical Associate (SCTA)
- Skybox Certified Sales Engineer (SCSE) (schedule [here](#))
- Skybox Certified Administrator (SCA) (schedule [here](#))

## 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 32 hours or 4 days.

## Agenda

### Lesson 1: Introduction to Skybox

- Skybox Software Architecture
- Skybox Design Architecture
- Hardware Requirements
- Skybox Appliance
- High Availability Architecture
- Exercise

### Lesson 2: Deployment Methodology

- Deployment Scoping
- Deployment Approach
- Deployment Checklist

### Lesson 3: Installation and Initial Configuration

- Basic Installation
- Network Settings
- Syslog Settings
- SNMP Settings
- Skybox Password Management
- ISO Update Steps
- Exercise

### Lesson 4: Operation & Maintenance

- Introduction to the Skybox configuration Common configuration scenarios
- Operational Console management
- Best practices when creating tasks and sequences

- Model and Settings backup & restore
- Upgrading the Skybox Software
- Monitoring the Skybox Platform
- Exercise

### Lesson 5: User Management

- User and Group definitions
- Roles and Permissions
- External User Management

### Lesson 6: Building the Model

- Integrated Security Model
- Data Collection
- Model Analysis

### Lesson 7-10: Deployment Checklists

- Firewall Assurance Deployment checklist
- Network Assurance Deployment checklist
- Vulnerability Control Deployment checklist
- Change Manager Deployment Checklist

### Lesson 11: Model Validation (Basics)

- What is Model Validation?
- Model Validation task & analyses
- Access Analyzer test queries
- Network Map visualization
- Task error messages
- Item counts
- Exercise

- 

### Lesson 12: Data Export and Reports

- Report Types (PDF, HTML, RTF, CSV)
- Reports
- CSV Exports
- Analysis Export

### Lesson 13: Triggers

- Trigger Types
- Trigger Properties

### Lesson 14: Updating the Model. Introduction to the Skybox Model

- Managing network changes
- Detecting stale devices
- Managing additional model entities
- Exercise

### Lesson 15: System Troubleshooting

- Skybox support coverage – Follow the sun
- Skybox community, knowledgebase, and ideas
- Opening & Handling support cases
- Appliances and RMA process
- Support programs
- Escalation procedure
- Salesforce as the main CRM tool
- Introduction to log files + packlogs
- Troubleshooting workflows
- Resolving common issues
- Exercise

## Lesson 16: Additional Services

- Health Check Delivery
- Resident Engineer Delivery

## Requirements

### Student Setup Guide

Skybox training

conducts classes in a lecture with labs 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 of the lab exercises. Failure to meet these requirements may compromise the value of the training. Please contact [partners@skyboxsecurity.com](mailto:partners@skyboxsecurity.com) if you are unable to meet any of these requirements.

### Basic Requirements

- Stable internet access (for downloading software/updates)  
Outgoing connections should be allowed over TCP/443, TCP/8443, TCP/22 and TCP/444
- Browsing self-signed websites should be allowed
- Installation of new software should be allowed (Java-based management client)
- SSH and SCP clients (we suggest Putty and WinSCP) installed
- Acrobat Reader (PDF viewer)

## Minimum Student Computer Hardware Requirements

- Intel® Core® 2.0 GHz or higher
- 4 GB of RAM
- 80 GB free disk space

## Software Requirements

- Microsoft® Windows 7 or later operating system. See Skybox Security website for [system requirements](#).
- User must have admin rights to install Skybox software on computer, or Skybox full Server suite must be pre-installed with latest update.
- Installation of the Skybox Management software should be installed to a directory other than c:\skybox to avoid interference with any production deployments.



[www.skyboxsecurity.com](http://www.skyboxsecurity.com)

Skybox Partner Portal:

[www.skyboxsecurity.com/partners](http://www.skyboxsecurity.com/partners)

Want more information?

Contact us: [partners@skyboxsecurity.com](mailto:partners@skyboxsecurity.com)