VMware Carbon Black Cloud: Plan and Deploy

Course Description

This two-day hands-on training course provides you with the knowledge, skills, and tools to achieve competency in planning and deploying VMware Carbon Black Cloud™ in your environment. This course explains the VMware Carbon Black Cloud components, managing users and roles in VMware Carbon Black Cloud, configuring policies to support sensor deployment and management, and presents methods for deploying sensors across endpoints and workloads.

Course Duration:

2 days

Prerequisites:

This course requires completion of the following course:

- VMware Carbon Black EDR Administrator

Objectives:

By the end of the course, you should be able to meet the following objectives:

- Describe VMware Carbon Black Cloud platform
- Describe data flows on VMware Carbon Black Cloud
- Create and edit a custom role in VMware Carbon Black Cloud
- Recognize the impact of a user role on a console user
- Describe the VMware Carbon Black Cloud sensor resource usage
- Explain sensor usage in VMware Carbon Black Cloud
- Identify configuration settings for endpoints in sensor policy settings
- Determine requirements for initial deployment of sensors
- Recognize the differences between attended and unattended sensor installation
- methods
- Identify the correct deployment strategy for a given scenario
- Recognize the deployment process for VMware Carbon Black Cloud Workload™
- Identify eligible workloads in a VMware vSphere environment
- Describe VMware Carbon Black Cloud sensor deployment
- Manage VMware vSphere® workloads
- Identify sensor status in RepCLI

Course Outline:

1. Course Introduction
   - Introductions and course logistics
   - Course objectives
2. Introduction to VMware Carbon Black Cloud
   - Describe the VMware Carbon Black Cloud platform
   - Describe VMware Carbon Black Cloud operating systems requirements
   - Identify interesting files according to VMware Carbon Black Cloud
   - Identify events collected

- Describe data flows

3. Managing VMware Carbon Black Cloud Roles and Users
   - Describe the use of roles in VMware Carbon Black Cloud
   - Describe RBAC capabilities
   - Create and edit a custom role
   - Manage new console users
   - Recognize the impact of a user role on a console user
   - Describe authentication mechanisms
4. VMware Carbon Black Cloud Sensors
   - Describe the VMware Carbon Black Cloud sensor resource usage
   - List the supported operating systems for VMware Carbon Black Cloud sensors
   - Explain sensor usage in VMware Carbon Black Cloud
5. Preparing for Deployment
   - Identify configuration settings for endpoints in sensor policy settings
   - Organize sensors using sensor groups to assign the desired policy based on specific criteria
   - Compare VDI sensor settings as compared to traditional endpoint sensor settings
   - Determine requirements for the initial deployment of sensors
   - Evaluate the policy impact on sensors
   - Identify best practices for deploying sensors
6. Installing Sensors
   - Describe how to send an installation request
   - Recognize the features and limitations of an installation code and company code
   - Recognize the process for successfully completing an attended installation
   - Recognize the differences between attended and unattended sensor installation methods
   - Identify the correct deployment strategy for a given scenario
   - Generate logs with unattended installations
   - Generate sensor logs
   - Check network connectivity for sensor installation
7. Deploying Workloads
   - Recognize the deployment process for VMware Carbon Black Cloud Workload
   - Identify eligible workloads in a vSphere environment
   - Recognize how to enable the VMware Carbon Black Cloud sensor on a VM workload
8. Managing Sensors
   - Describe VMware Carbon Black Cloud sensor deployment
   - Explain the differences in sensor status
   - Describe sensor update capabilities
   - Explain sensor actions
   - Manage vSphere workloads
9. Post-deployment Validation
   - Describe the process of a sensor background scan
   - Recognize a properly registered sensor installation
   - Identify sensor status in RepCLI

Who Should Attend

System administrators and consultants, application owners, and system architects.