



CYBERARK SENTRY CERTIFICATION

Study Guide

Exam Objectives

The CyberArk Sentry Certification tests for the necessary expertise and technical skills to deploy, install, and configure the CyberArk Privileged Account Security Solution. It is intended to certify an examinee's competence to fill one of the following roles within a Privileged Account Security Program.

CyberArk Subject Matter Expert

The CyberArk SME designs controls which will be implemented with CyberArk and acts as a liaison to user groups.

CyberArk Engineer

The CyberArk Engineer installs and manages non-production CyberArk environments, tests new features and creates internal documentation.

Exam Content

The CyberArk Sentry Certification tests examinees ability to form the following tasks in seven knowledge domains. Only functions of the Core PAS Solution are included.

CPM Deployment

- Properly harden a CPM Server
- Prepare a Windows Server for CPM Installation
- Rename a CPM
- Complete an additional CPM Installation
- Complete a 1st CPM Installation
- Determine how many CPMs should be in a given environment and their placement in the network
- Fault Tolerance
- Determine the quantities and locations of components required to provide a distributed architecture that meets customer requirements
- Determine the quantities and locations of components require to provide a fault tolerant architecture that meets customer requirements

Integrations

- Describe which authentication methods work with which components.
- Integrate with Syslog/SIEM
- Integrate with SNMP
- Integrate with SMTP
- Integrate with NTP
- Integrate with LDAP
- Configure SAML Authentication
- Configure RADIUS Authentication

- Configure PKI Authentication
- Combine a Vault and a PVWA Authentication method to create Two Factor Authentication
- Generate a Custom Connection Component using the PGU

Performance Tuning

- Properly Configure Interval Settings
- Properly Configure the Allowed Safes Parameter
- Appropriate size servers to the demands of a customer environment.
- Convert a Platform from PMterminal to TPC

PSM Deployment

- Explain how a PSM might be load balanced
- Complete a 1st PSM Installation
- Calculate how much storage should be available to the PSM(s) for PSM recordings
- Calculate how much storage should be available to the vault for PSM recordings
- Determine how many PSMs should be in a given environment and their placement in the network
- Prepare a Windows Server for PSM Installation
- Properly harden a PSM Server
- Complete an HTML5 Gateway Installation
- Prepare a UNIX Server for HTML5 Gateway Installation
- Complete an additional PSM Installation

PSM for SSH Deployment

- Complete an additional PSM for SSH Installation
- Configure usrmng accounts
- Complete a 1st PSM for SSH Installation
- Prepare a UNIX Server for PSM for SSH Installation
- Properly harden a PSM for SSH Server

PVWA Deployment

- Determine how many PVWAs should be in a given environment and their placement in the network
- Properly harden a PVWA Server
- Explain how a PVWA might be load balanced
- Complete an additional PVWA Installation
- Complete a 1st PVWA Installation
- Prepare a Windows Server for PVWA Installation

Vault Deployment

- Migrate the Server Key to an HSM
- Complete a Post-Install Hardening
- Complete a Vault Installation
- Prepare a Windows Server for Vault Installation

Study Resources

CyberArk provides a number of resources to prepare for the Sentry Exam:

Instructor Led Courses

CyberArk Privileged Account Security Install and Configure

Free eLearning

HTML5 Based Remote Access

External Storage of PSM Recordings

Documentation

CyberArk Privileged Access Solution Installation Guide

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