CYBERARK PAS Administration COURSE AGENDA

Description

The CyberArk Privileged Account Security (PAS) Administration course covers CyberArk's Enterprise Password Vault (EPV) and Privileged Session Management (PSM) solutions. CyberArk administrators or 'Vault Admins' gain extensive hands-on experience in configuring each EPV/PSM component, using our step-by-step exercise guide and dedicated lab environment.

This course provides the participant with a knowledge and skills required to administer, monitor, and troubleshoot an existing PAS implementation. The course includes discussions on PAS Architecture, Password Management, and PSM, along with software concepts including monitoring, and troubleshooting.

Target Audience

- Individuals who will be responsible for the Administration of the PAS solution
- Anyone who is interested in learning about or will be required to install and perform initial configuration and set up of the CyberArk Privileged Security Solution.

Objectives

Upon completion of this course the participant will be able to:

- Describe the system architecture and flows
- Successfully manage passwords (Verification, Change and Reconciliation)
- Onboard accounts using Accounts feed and PUU
- Configure sessions to be directed through a PSM
- Monitor recorded sessions
- Describe how connections through a PSMP can be established
- Modify Master Policy settings
- Produce reports on various system and user activities
- Monitor the CyberArk implementation
- Describe and configure the various logs that are available to troubleshoot problems
- Utilize the knowledge base and other available resources to resolve problems
- Preform common administrative tasks

Topics

The course includes the following topics:

- Overview of Threats and the PAS Solution
- EPV Architecture Overview
- Users and Groups
- Access Control

DAILY **AGENDA**

- Onboarding Accounts
- Password Management
- PSM
- Reports
- Working with Support/Monitoring the System
- Common Administration Tasks

Technical Prerequisites

- A computer that is able to connect to the Internet as well as a browser that support HTML 5
- Skytap Checker
- WebEx Checker
- Sales Force Checker

Course Prerequisites

- Basic networking knowledge
- Basic Windows administration knowledge

Duration

3 days

DAILY **AGENDA**

DAY ONE	
Topic/Task	**Description/Activity**
Overview of Threats and the PAS Solution	▪ High level overview of common Privileged Account threats and how to mitigate them ▪ Overview of the PAS Solution
Architecture Overview	▪ Detailed description of the various components of the PAS solution ▪ Description of how various components communicate with the Vault ▪ Overview of the Password Change process performed by the CPM
User Management	▪ Description of various User types ▪ Logging in to the system using the Master User Login ▪ How to unlock an account ▪ How to reset a user's password ▪ Description of the various authentication methods that are available ▪ How to configure two-factor authentication ▪ How to create a component new cred file
User Management and Directory Mapping	Practical Exercise

DAILY **AGENDA**

DAY TWO	
Topic/Task	**Description/Activity**
Password Management	▪ Account Creation ▪ Master Policy ▪ Safe Creation ▪ Platform Management
Password Management	Practical Exercise
Access Control	▪ Considerations for designing a safe model ▪ Designing a sample safe design model ▪ Naming conventions for a safe design model
Onboarding Accounts	▪ On Boarding Methods ▪ Overview of Dependancies ▪ Accounts Discovery ▪ Password Upload Utility ▪ DNA
Account Discovery and PUU	Practical Exercise

DAILY **AGENDA**

DAY THREE	
Topic/Task	**Description/Activity**
Introduction to PSM	▪ Functionality ▪ Architecture ▪ Monitoring ▪ Configuration Deployment
PSM Operation and Auditing Recordings	Practical Exercise
Reports	▪ Overview of Reports ▪ PrivateArk Client Reports ▪ PVWA Reports
Producing Reports	Practical Exercise
Troubleshooting and Working with Support	▪ Available Resources ▪ Knowledge Base ▪ Documentation ▪ Troubleshooting Methodology ▪ Log Files ▪ Opening a case with Support
Common Administrative Tasks	▪ What Tasks to Perform on a Regular Basis ▪ Monitoring the System ▪ User Auditing ▪ Safe Monitoring ▪ Account Maintenance ▪ Backup and Restore
Backup/Restore	Practical Exercise