

PAM-IC Privileged Access Management Install and Configure

Overview

The Privileged Access Management (PAM) Install and Configure course covers CyberArk's Enterprise Password Vault (EPV) and Privileged Session Manager (PSM) solutions, including components Central Policy Manager, Password Vault Web Access, Disaster Recovery, PSM SSH Proxy and Backup and Restore.

Description

The training provides the practical knowledge and technical skills to securely design, install, and configure the CyberArk Privileged Access Management (PAM) Solution. The student will gain valuable hands-on experience installing CyberArk components, configuring Authentication Types, and System Integrations (SIEM, SMTP, NTP), using our step-by-step exercise guide, official product documentation and a dedicated lab environment.

Duration: 4 days

Relevant Certification: Sentry (Level 3)

Audience

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. Includes Vault Administrators or other IT Security Professionals who would like to increase their knowledge of the CyberArk.

Prerequisites

- PAM Administration
- Basic networking knowledge
- Basic Windows administration knowledge

Objectives

- Learn to install and configure the Privileged Access Management (PAM) solution securely following Best Practices.
- Be able to define and describe the CyberArk Privileged Account Security system architecture, requirements, and workflow processes.



- Understand how to secure and install Password Vault Web Access (PVWA) Central Policy Manager (CPM) and Privileged Session Manager (PSM) in a distributed or Load Balanced configuration.
- Learn how to integrate with external services, e.g., LDAP/S, NTP, SMTP, and SYSLOG.
- Configure authentication mechanisms including multi-factor authentication using CyberArk, RADIUS, LDAP/S, PKI, and Windows.

Outline

- Overview of the PAM Architecture
- Enterprise Password Vault Security
- Enterprise Password Vault Standalone and High Availability Installation
- CPM, PVWA, PSM and PSMP Component Installations including Standalone and Fault Tolerant options
- System Integrations (e.g., SMTP, NTP, SNMP, LDAP/S)
- Authentication Methods (e.g., RADIUS, PKI, LDAP/S and Multi-Factor)
- Reporting and Troubleshooting.

