



INFOSECTRAIN

CyberArk

TRAINING

About CyberArk

CyberArk Training, CyberArk Training and Certification Courses, CyberArk Certification Program, CyberArk Privileged Account Security (PAS) Administration, CyberArk training develops, CyberArk course, CyberArk Projects

CyberArk focuses on privileged access management and offers the most complete security solution for any identity, be it human or machine, across business apps, remote workforces, hybrid cloud workloads, and the DevOps lifecycle. The CyberArk Training course at InfosecTrain is for cyber security experts who wish to be recognized for their technical knowledge in the industry.

COURSE HIGHLIGHTS

- 24 Hours instructor-led live training
- Recording access – 180 days
- Lab access – virtual labs (30 days access)
- Course material (soft copy, unofficial)
- Interview prep

About CyberArk

The CyberArk training develops your skills and provides the expertise needed to build, deploy, and configure the Privileged Account Security Solution. CyberArk course provides a variety of options to choose from. Through real-world scenarios, our participants will gain hands-on experience establishing CyberArk infrastructure, defining authentication types, and more. This course covers password management and PSM in-depth, as well as software aspects such as backup and troubleshooting. Each level displays knowledge of cyber security as well as the CyberArk Privileged Access Security Solution, which is both innovative and industry-leading.

Why CyberArk Training with InfoSecTrain?

InfosecTrain is one of the finest security and technology training and consulting organizations, focusing on a range of IT security training and Information Security services. InfosecTrain offers complete training and consulting solutions to its customers globally. Whether the requirements are technical services, certification, or customized training, InfosecTrain is consistently delivering the highest quality and best success rate in the industry.



Certified & Experienced
Instructors



Post Training Support



Flexible Schedule



Interactive Q & A session



Target Audience

- ▶ IT Security Professionals
- ▶ Vault Administrators
- ▶ Professionals interested in building their career in CyberArk programming

Prerequisites

- ▶ It is recommended to have a basic knowledge of programming
- ▶ Interest in enhancing career and critical skills in CyberArk



Course Objectives

- ▶ Gain the skills and expertise needed to build, deploy, and configure the CyberArk Privileged Account Security Solution
- ▶ Learn to set up authentication methods
- ▶ Grasp concepts such as architecture and procedures of CyberArk privileged account protection program
- ▶ Gain knowledge of securing and deploying Central Policy Manager (CPM), Privileged Session Manager (PSM), and Password Vault Web Access Manager (PVWA) in a distributed or load-balanced architecture
- ▶ Ability to backup CyberArk vault

Module 1: Privileged Identity Management

- Enterprise pain areas
- Associated risk
- Expected Solution

Module 2: CyberArk Overview

Module 3: CyberArk Solution Components

- CyberArk Vault
- Password Vault Web Access Manager
- Privileged Session Manager
- Central Password Manager
- CyberArk Vault Client.

Module 4: Overview of CyberArk functioning

Module 5: CyberArk Infrastructure Installation

Installation Pre-requisites (Network, Software OS/Hardware)

- CyberArk Port awareness.
- CyberArk Vault Installation.
- CyberArk Active Directory Integration.
- CyberArk Email Notification engine configure awareness.
- Cyberark CPM Installation.
- Cyberark PVWA Installation.
- Cyberark PSM Installation.
- Cyberark Vault Client Installation.



Module 6: CyberArk Policy Configuration Overview

Module 7: CyberArk Policy Creation

- Master Policy
- CPM Platform Policy
- Scheduled Task
- Services

Module 8: CyberArk Safe Management

- Safe Creation
- User addition (Ldap)
- User Access Matrix
- Dual Control
- Object Level Access Control

Module 9: CyberArk Account Integration

- Windows
- Unix/Linux
- Network Device Overview
- Security Device Overview.

Module 10: CyberArk Use Cases

- User OnBoarding
- Privileged Single-Sign-on
- Password Reconciliation
- Access privilege of User Accounts in PAM
- Authentication (2-factor) Overview
- Dual Access Control
- Auditing/Reporting
- Session Recording
- Users OffBoarding



Module 11: CyberArk Vault Backup Activity

Module 12: CyberArk Trouble Shooting

- Creating an encrypted credential password file for pvwaapp user
- Creating an encrypted credential password file for gw user
- Creating an encrypted credential password file for a password manager user
- Creating an encrypted credential password file for psmapp user creating an encrypted credential password file for psmgw user
- Unlocking and password resetting of all above-mentioned system users

Module 13: CyberArk DR Overview

- DR Vault
- DR CPM
- DR PVWA
- DR PSM