

## CyberArk Training

### Topics Covers

#### 1.0 Privileged Identity Management - Introduction

- a) Privilege Accounts
- b) Associated risk
- c) Expected Solution

#### 2.0 CyberArk Overview

- a) Privilege Account and non-Privilege Account
- b) Risk associated with Privilege accounts
- c) Privilege Account problem.

#### 3.0 CyberArk Solution Components

- a) CyberArk Vault
- b) Password Vault Web Access Manager
- c) Privileged Session Manager
- d) Central Password Manager
- e) CyberArk Vault Client
- f) DR Vault
- g) PSMP

#### 4.0 Overview of CyberArk functioning

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#### CyberArk Infrastructure Installation (Version 12.6)

- a) Installation Pre-requisites (Network, Software OS/Hardware)
- b) CyberArk Port awareness.
- c) CyberArk Vault Installation.
- d) CyberArk Active Directory Integration LDAP & LDAPS.
- e) CyberArk CPM Installation.
- f) CyberArk PVWA Installation.
- g) CyberArk PSM Installation.
- h) CyberArk Vault Client Installation.
- i) PSMP Installation

#### 5.0. CyberArk Policy Configuration Overview

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#### 1. CyberArk Policy Creation

- a) Master Policy
- b) CPM Platform Policy
- c) Scheduled Task
- d) Services

#### 2. CyberArk Safe Management

- a) Safe Creation
- b) User addition (Ldap)
- c) User Access Matrix
- d) Dual Control
- e) Object Level Access Control

#### 3. CyberArk Account Integration

- a) Windows
- b) Unix/Linux
- c) Network Device Overview
- d) Security Device Overview.

**4. CyberArk Use Cases**

- a) User Onboarding
- b) Password Reconciliation
- c) Access privilege of User Accounts in PAM
- d) Authentication (2-factor) Overview
- e) Dual Access Control
- f) Auditing/Reporting
- g) Session Recording
- h) Users Offboarding

**6.0 CyberArk Trouble Shooting**

- a) Creating encrypted credential password file for pvwaapp user
- b) Creating encrypted credential password file for gw user
- c) Creating encrypted credential password file for passwordmanager user
- d) Creating encrypted credential password file for psmapp user
- e) Creating encrypted credential password file for psmgw user
- f) Unlocking and password resetting of all above-mentioned system users

**7.0 CyberArk DR Overview**

- a) Failover and Failback

**8.0. Certification Assistance (CDE –CyberArk delivery Engineer)**

- a) Defender
- b) Sentry

**9.0. Implementation Challenge**

Over all deployment and troubleshooting for CyberArk deployment