CYBERARK ENDPOINT PRIVILEGE MANAGER (EPM) – FUNDAMENTALS

Description

This course provides the participant with a technical introduction to the CyberArk Endpoint Privilege Manager (EPM) solution. The course includes discussions of the EPM architecture along with software concepts including administration, policy creation, monitoring, and troubleshooting. The Fundamentals course concentrates primarily on the on-premises server edition of EPM although a large part of the content is relevant to all versions.

Target Audience

- Partners who implement the EPM Solution
- Customers who administer EPM.

Objectives

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

- Describe the system architecture
- Install EPM Server and deploy and upgrade the EPM Agent
- Create new application control and privilege management policies
- Perform daily operation and maintenance tasks
- Troubleshoot issues with application control and privilege management policies.

Topics

The course includes the following topics:

- EPM Overview
- EPM Server
- Set Definition and Agent Deployment
- Application Discovery
- Policy Creation
- Reporting
- Troubleshooting

Technical Prerequisites

Verify and check the following prior to scheduled course:

Computer with Internet connectivity

Web browser that supports HTML5

Test connectivity to following web-based services:

https://cloud.skytap.com/connectivity

http://www.webex.com/test-meeting.html

Course Prerequisites

- Basic networking knowledge
- Basic Windows administration knowledge

Duration

2 days

DAILY **AGENDA**

DAY ONE	
Topic/Task	**Description/Activity**
Course Opening	
EPM Overview	- High level product overview - Introduction to Privilege Management - Different Architectures(Server, SaaS) - Basic Flows
EPM Server Installation	- Hardware and software prerequisites - OS Configuration - Installation walk-through
Practical Exercise	**EPM Server Installation**
Set Definition and Agent Deployment	Administration UI Major Components
Discovery	Creating Sets
Practical Exercise	**Discovery**

DAY TWO	
Topic/Task	**Description/Activity**
Policy Creation	▪ Creating Privilege Elevation Policies ▪ Advanced Policies ▪ Sample POC and Migration to Production ▪ On-Demand Elevation ▪ One-Time Run Authorization
Practical Exercise	**Policy Creation**
Credential Theft Protection and Monitoring	▪ Threat Detection Concepts ▪ Activating Threat Detection ▪ Updating Threat Detection Definitions ▪ Privileged Threat Analytics (PTA) and SIEM Integration ▪ Reporting and Dashboards
Troubleshooting	▪ Collecting and Reviewing Log Files ▪ Agent Command Line Options ▪ Policy and Elevation Troubleshooting ▪ Connectivity Issues ▪ Browser Configuration