



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	<ul style="list-style-type: none">▪ Partners who implement the EPM Solution▪ Customers who administer EPM.
Objectives	Upon completion of this course the participant will be able to: <ul style="list-style-type: none">▪ 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: <ul style="list-style-type: none">▪ 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	<ul style="list-style-type: none">▪ Basic networking knowledge▪ Basic Windows administration knowledge
Duration	2 days



DAILY AGENDA

DAY ONE	
Topic/Task	Description/Activity
Course Opening	
EPM Overview	<ul style="list-style-type: none">▪ High level product overview▪ Introduction to Privilege Management▪ Different Architectures(Server, SaaS)▪ Basic Flows
EPM Server Installation	<ul style="list-style-type: none">▪ Hardware and software prerequisites▪ OS Configuration▪ Installation walk-through
Practical Exercise	EPM Server Installation
Set Definition and Agent Deployment	<ul style="list-style-type: none">▪ Administration UI Major Components
Discovery	<ul style="list-style-type: none">▪ Creating Sets
Practical Exercise	Discovery



DAILY AGENDA

DAY TWO	
Topic/Task	Description/Activity
Policy Creation	<ul style="list-style-type: none">▪ 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	<ul style="list-style-type: none">▪ Threat Detection Concepts▪ Activating Threat Detection▪ Updating Threat Detection Definitions▪ Privileged Threat Analytics (PTA) and SIEM Integration▪ Reporting and Dashboards
Troubleshooting	<ul style="list-style-type: none">▪ Collecting and Reviewing Log Files▪ Agent Command Line Options▪ Policy and Elevation Troubleshooting▪ Connectivity Issues▪ Browser Configuration