

McAfee ePolicy Orchestrator Administration (5.10)

(Customized Designed Course Content)

Day 1

- Welcome
- Security Solutions and McAfee ePolicy Orchestrator
- Overview
- Planning a McAfee ePolicy Orchestrator Deployment
- Installing McAfee ePolicy Orchestrator Software
- Managing Permission Sets and Users
- Creating and Populating the System Tree
- Using the Tag Catalog
- Sorting the System Tree
- McAfee® Agent
- System Information
- Client Tasks
- Managing Policies
- Policy and Client Task Approval

Day 2

- Deploying Software for Managed Systems
- Repositories
- Product and Server Maintenance with Repositories
- Managing Dashboards and Monitors
- Working with Queries and Reports
- Automatic Responses and Notifications

Day 3

- Database Maintenance and Server Utilities
- Disaster Recovery
- Agent Handlers
- Rogue System Detection
- Configuring Rogue System Detection

Day 5

- Endpoint Security Threat Prevention (Virus and Malware Protection)
 - (Blocks threats from accessing systems, scans files automatically when they are accesses, and runs targeted scans for malware on client systems)

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- Application and Change Control (AKA Whitelisting/ Solidcore)
 - Application Control Blocks unauthorized executables on Servers, Corporate Desktops, and Fixed-function devices. Change Control monitors and prevents changes to the file system.
 - Observe Mode:
 - ACC monitors the system for which executable files and scripts are accessed by the system and updates its inventory with hash values.
 - Enable Mode:
 - Once the inventory of files has been reviewed and trusted, only trusted files are permitted to execute.
 - Modification to executable and trusted data files is blocked.
 - Files can be excluded based on type (.txt, log) or directory. (such as D:\)
 - The list of known and permitted files is referred to as the Whitelisting
- USB Device Control (Windows Only)
 - USB devices are whitelisted based on serial number.
 - Only permitted USB drives can be accessed on the managed device.

Day 5 Agenda: In replication of Day 5 extraction

1. Install Endpoint Security Protection.
 - a. Enable Engine
 - b. Create Policy
 - c. Apply Policy
2. Download Malware from Internet
 - a. Install Malware
 - b. If block, add exception to execute installation.
 - c. Scans files and Skip Critical Drives/Folder Location.
 - d. Improve application performance.
3. USB Control
 - a. Block USB detection
 - b. Block USB Mass Storage
 - c. Block file execution using USB
4. Monitor Executables
 - a. Process
 - b. Inventory
 - c. Block executables
 - d. Permit Hash based access

The above course is designed to cover as 2 hours theory and 6 hours Lab.

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