PMD: Fundamentals - Virtualization Implementation

Course Overview
Course number: PMD-0003
Course length: 2.5 days

Need to implement virtual PMD R900 System?
This course provides participants the ability to perform the following PMD virtualization system tasks:

- Understand PMD topologies in virtual environment (with Non-blade hardware)
- Configure Host and Virtual Network on ESXi Host (For non-blade Hardware)
- Add an ESXi host to the VMware Datacenter
- Perform Virtual Machine Operations
- Use Templates and Clones in vCenter
- Overview of ESXi and vCenter maintenance tasks
- Configure EBR to take backup of virtual machines
- Configure Update Manager to upgrade ESXi hosts

The course presents the concepts and guidelines needed to implement PMD virtual system. Lab exercises will include configure ESXi server, vCenter server, perform operations on virtual machines, and restore backup using EBR

Course Benefits
Improve your knowledge and capabilities towards implementing PMD R900 virtual systems

- Identify various components involved in PMD virtualization
- Gain the basic skills to operate ESXi server using vSphere client and vCenter
- Utilize tools to facilitate system support functions

Course Delivery Options
- In-Center Instructor-Led Training
- On-Site Instructor-Led Training

Prerequisite/Skill Requirements
Prerequisite Course (s)
- PMD-30

Required Skills and/or Experience
- None

Desirable Skills and/or Experience
- Basic understanding of virtualization and hypervisor technology
- Understanding of types of virtualization; example: application, desktop, and platform virtualization
- Understanding of VMware ESXi platform concepts

Course Topics
- Overview of VMware virtualization
- Understand PMD topologies in virtual environment
- Security Planning in a VMware Environment
- Storage and Network Planning in a VMware Environment
- Hardware and software specifications for virtual system
- Configure Host and Virtual Network on ESXi Host
- Restore backup using EBR
- Perform Virtual Machine Operations
- Use Templates and Clones in vCenter
- Overview of administration in virtual environment
- Overview of ESXi and vCenter maintenance tasks

Additional Training
To increase your knowledge and skills, there are additional courses available from Automation College.

For more information and registration, visit www.honeywellprocess.com/en-US/training.