

EXPERION PKS: FUNDAMENTALS – VIRTUALIZATION IMPLEMENTATION

COURSE OVERVIEW

Course Number: EXP-48

Course Duration: 4.5 Days

Prerequisite Course (s): None

This course provides participants the ability to perform the following (Experion PKS off-process) / (on-process) virtualization system tasks:

- Understand premium platform and essential platform hardware options for virtualization
- Understand Honeywell topologies in virtual environment (with Essential and Premium platform hardware)
- Configure Host and Virtual Network on ESXi Host
- Install and configure vCenter 6.5
- Configure Experion virtual machines and their operations
- Configure vMotion to move running virtual machine from one ESXi to another ESXi host
- Use Templates and Clones in vCenter
- Overview of ESXi and vCenter maintenance tasks
- Understand the concept and utilization of vSphere HA and Fault Tolerance for Premium Platforms
- Understand the Installation and configuration of Experion nodes using ESM

COURSE DELIVERY OPTIONS

- Asynchronous Training (AT)
 - Self-paced with 10 days to complete
- Instructor-Led Training (ILT)
- Virtual Instructor-Led Training (VILT)

COURSE OBJECTIVES

- Overview of VMware virtualization
- Understand Honeywell topologies in virtual environment
- Overview of Premium Platforms (BladeCenter S and Dell FX2)
- 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
- Install and configure vCenter 6.5
- Course Topics continued...
- Configure virtual machines and prepare for installing Experion PKS
- Perform Virtual Machine Operations
- Perform vMotion
- Use Templates and Clones in vCenter
- Understand the concept and utilization of vSphere HA and Fault Tolerance for Premium Platforms
- Understand the Installation and configuration of Experion nodes using ESM
- Overview of administration in virtual environment
- Overview of ESXi and vCenter maintenance tasks
- Install and configure VMware Workstation (Reference only)