Honeywell Academy

EXPERION PKS: FUNDAMENTALS – VIRTUALIZATION PREMIUM PLATFORM GEN3 OVERVIEW

COURSE OVERVIEW

Course Number: EXP-1018GEN3
Course Duration: 4 Hours

Prerequisite Course (s): None

This course provides participants an ability to learn the Honeywell Virtualization Premium Platform Generation 3 based on Dell EMC VxRail. It covers the technical aspects of the Premium Platform, including Hardware and Software specifications, installation, monitoring, and administration techniques.

The Premium Platform Gen3 is a web-based training that includes recorded lectures.

COURSE DELIVERY OPTIONS

- Asynchronous Training (AT)
  - ➢ Self-paced with 10 days to complete

COURSE OBJECTIVES

- Overview of Premium Platform Gen3
- Hardware specifications of Premium Platform Gen3
- Planning Virtualization Environment
- Gen3 Cluster Architecture
- Premium Platform Benefits:
  - o vSphere High Availability (HA)
  - o Distributed Resource Scheduler (DRS)
  - o Virtual Storage Area Network (VSAN)
  - o vSphere Fault Tolerance (FT)
  - o Benefits of Premium Platform Gen3 over Gen2
- Premium Platform Gen3 deployment:
  - o Setting up hardware
  - o Top of Rack deployment
  - o Deployment details of Gen3 software
  - o Cluster Expansion
- Premium Platform Gen3 Post deployment tasks
- Premium Platform Gen3 Administration
  - o VxRail vSphere Integration
  - o Enabling Fault tolerance
  - o Shutting down a cluster
  - o Starting up a cluster
  - o vSAN health monitoring
  - o Cluster software updates
  - o Upgrading TOR switch firmware
- Premium Platform Gen3 troubleshooting

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