

Szkolenie: HPE HPE Synergy Administration with HPE OneView



Cel szkolenia:

This course provides instruction on HPE Synergy configuration, administration, management, troubleshooting and maintenance. This hands-on course covers day-to-day administration skills on HPE Synergy Composer, storage module, compute modules, frame management, fabric connectivity, multi-frame domains and server profile management. Students also learn about HPE Global Dashboard features.

Course objectives

At the conclusion of this course, the student will be able to:

- Introduce composable infrastructure (basic concepts) and HPE Synergy domains
- Explore the functional architecture of the HPE Synergy environment, including management infrastructure (HPE Synergy Composer and Frame Link Modules), compute modules, interconnect modules, local storage systems, power and cooling
- Review the HPE Synergy portfolio and equipment capabilities
- Explain the HPE Synergy master/satellite interconnects, topology and cabling

Audience

- System administrators, engineers and consultants who install, manage, and monitor HPE Synergy systems
- New HPE Synergy customers or HPE BladeSystem c-Class customers interested in HPE Synergy

Plan szkolenia:

- Module 0: HPE Synergy Administration with HPE OneView Course Overview
 - Introduce composable infrastructure (basic concepts) and HPE Synergy domains
 - Explore the functional architecture of the HPE Synergy environment
 - Management infrastructure (HPE Synergy Composer and Frame Link Modules)
 - Compute modules
 - Interconnect modules
 - Local storage systems
 - Power and coolin

- Review the HPE Synergy portfolio and equipment capabilities
- Explain the basics of the HPE Synergy master/satellite interconnects topology and cabling
- Module 1 HPE Synergy Solution
 - Solution overview
 - Planning steps
 - Configuration steps
 - Hardware overview
 - Management appliances
 - Frame management cabling
 - Power cabling
 - Interconnect link topology
 - Accessing HPE Synergy Composer
- Module 2: HPE Synergy Cabling
 - Ethernet modules
 - Interconnect link topology
 - Ethernet traffic flow
- Module 3: HPE Synergy Networking
 - Network connectivity settings
 - Address identifier service
 - Network, network sets
 - Logical interconnect groups
 - Enclosure groups
 - Logical enclosure
 - Interconnect settings, LACP load balancing
- Module 4: HPE Synergy Storage
 - SAN configuration
 - Storage management
 - SAN Manager
 - Networks
 - Zoning
 - Fabric
 - Composable arrays
 - Volumes and volume templates
 - Storage options
 - Storage array
 - HPE Synergy D3940 Storage Module

- Module 5: HPE Synergy Composability
 - Server hardware
 - HPE Synergy Gen10 Compute, HPE Integrated Lights Out 5
 - Server hardware types
 - Server profile template
 - Server profile
 - Physical addressing
 - Compliance
- Module 6: HPE Synergy Firmware
 - Current HPE OneView Updates
 - Acquiring firmware
 - Interconnect firmware updates
 - Compute firmware
 - OS tools
 - Appliance firmware
 - Upgrading hardware
 - Preparing to upgrade
 - Best practices
 - Tools
 - Compliance
 - References
- Module 7: HPE Synergy Scaling
 - Scaling frames in HPE Synergy
 - Adding a remote management ring
 - Frictionless scaling of a logical enclosure
 - The procedure for scaling from one to two frames
 - The procedure for scaling from two to more frames
 - Scaling with 25/50 Gb interconnect link modules
- Module 8: HPE Synergy Maintenance and Growth
 - Maintenance topics
 - Remote management ring
 - Adding frames
 - Composer upgrades
 - Composer migration
 - Flm move to 4 port
 - Changing Ethernet fabric

- New LIG|EG, reparent LE

Wymagania:

Basic networking and HPE OneView experience is strongly recommended

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by HPE (course completion).

Prowadzący:

Authorized HPE Trainer.