Szkolenie: HPE
HPE Superdome Flex 280 Server Administration

Cel szkolenia:

The HPE Superdome Flex 280 server is a highly scalable, reliable and secure server with from 2 to 8 powerful 3rd generation Intel® Xeon® Scalable Processors and up to 24TB of shared memory.

This course provides an overview of system components and practical experience working with the HPE Superdome Flex 280 server. You use rack management controller (RMC) commands to retrieve hardware configuration, to power on and boot the server, configure autopower, review supported operating systems, monitor system performance with HPE Foundation Software (HFS) or the data collection daemon (DCD), and monitor log files.

Course objectives

This course equips students with the skills and knowledge to:

- Identify HPE Superdome Flex 280 server components and component function
- Use the embedded RMC (eRMC) to configure, monitor, manage, and access server components and firmware
- Interact with the Unified Extensible Firmware Interface (UEFI) to configure boot parameters and manually boot server
- Explore the HPE Superdome Flex 280 manageability system
- Launch the Web GUI for eRMC
- Launch vMedia, vKVM (HTML5)
- Configure UEFI boot order
- Access the remote system console and console logs
- Review the built-in Error Analysis Engine feature
- Review supported operating systems

Audience

This course is intended for systems administrators working with the HPE Superdome Flex 280 server.

Plan szkolenia:

Module 1: HPE Superdome Flex 280 Server

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- List HPE Superdome Flex 280 server configurations and architecture
- Distinguish between the HPE Superdome Flex 280 server and the HPE Superdome Flex server
- Describe use case and applications
- Identify server main components
- Access the rack management controller (RMC) interface
- Use the RMC command line interface (CLI)
- Connect to the system console
- Power off and power on the HPE Superdome Flex 280 server

Module 2: Hardware Management

- Access the rack management controller (RMC) interface
- Perform RMC management tasks
- Issue power commands
- List FRU information
- Enable SNMP protocol

Module 3: Operating System Installation and Software Management

- Describe Superdome Flex 280 operating system support
- Locate installation procedures and resources
- Compare Data Collection Daemon (DCD) implementations
- Make use of HPE Foundation Software (Linux based operating systems)

Module 4: Management Tools and Firmware Upgrade

- Compare the HPE Superdome Flex 280 server workload profiles
- Describe HPE Superdome Flex 280 remote monitoring options
- Manage HPE Superdome Flex 280 complex and I/O card firmware
- Configure UEFI BIOS boot options
- Review HFS configuration scripts and logs

Module 5: Troubleshooting

- Interact with log viewers
- Gather logs from RMC
- Indict and acquit server components
- Upload an RCU

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Wymagania:

Enterprise Linux System Administration (H7091S) or equivalent Linux, VMware® or Windows Server administration experience.

Poziom trudności



Certyfikaty:

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

Prowadzący:

Authorized HPE Trainer.

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