

Creating HPE Virtual Desktop Infrastructure Solutions, Rev. 20.21

Course description

The Creating HPE Virtual Desktop Infrastructure Solutions course is a self-paced training that is approximately 20 hours of self-directed content. The downloadable PDF document includes study material and activities in the ratio of approximately 15% activities and 85% study. Given a scenario, you will learn to design HPE VDI Solutions. You will also learn to analyze various workloads and use cases and prescribe the appropriate HPE VDI infrastructure solution.

Course ID	01129128
Course format, Typical duration	WBT - Web Based, Self Paced, 3 days
Skill level	Advanced (ADV)
Delivery languages	English
Lab required	No

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Ideal candidate for this course

This course is targeted to solution architects who have experience designing and implementing a complex solution and want to validate their knowledge and skills to leverage HPE solutions in multi-site environments. Candidates typically define business needs and propose and may deploy the solutions. Partner Pre-Sales architects

Topics

- **Introduction to VDI technologies**
 - Distinguish between HDI, VDI, and application virtualization
 - Describe different types of VDI solutions
 - Given a particular use case, determine whether VDI is an appropriate solution
 - Describe the difference between NVIDIA and AMD GPUs
 - Identify the advantages of a given VDI solution that includes InfoSight
 - Determine the correct HPE Server solution for a given scenario
 - Determine the correct HPE Storage solution for a given scenario
 - Identify which components are appropriate for the backend of a VDI solution
- **Understand the Customer Requirements**
 - Determine the customer requirements for VDI solution, including availability, security, workflow, response time, reliability, graphics capabilities, and performance
 - Identify user types and application requirements
 - Determine the appropriate user groupings based on applications, tools, hours and number of users in their environment
 - Identify limitations of geography, location and other factors that impact design decisions
 - Identify business needs and determine if a VDI solution is a good recommendation for those business needs.
- **Designing Citrix VDI Solutions**
 - Describe the various components needed for Citrix VDI solutions and explain their function
 - Describe how the virtual desktops OSs are licensed
 - Based on the customer's expected outcome, recommend a solution that meets their business requirements, including availability, security, performance, reliability, graphics capabilities, and response time
 - Determine the appropriate user groupings based on applications, tools, hours and number of users in their environment
 - Determine if a VDI solution is a good recommendation for their business needs.
 - Based on a given customer's current growth strategy, recommend a solution that is able to scale and meet future business needs
 - Describe which components of the VDI solution must be backed up

- **Designing VMware Horizon Solutions**

- Describe the various components needed for VMware and their function
- Describe how the virtual desktops OSs are licensed
- Based on the customer's expected outcome, recommend a solution that meets their business requirements, including availability, security, performance, reliability, graphics capabilities, and response time
- Determine the appropriate user groupings based on applications, tools, hours and number of users in their environment
- Determine if a VDI solution is a good recommendation for their business needs.
- Based on a given customer's current growth strategy, recommend a solution that is able to scale and meet future business needs
- Describe which components of the VDI solution must be backed up

- **Optimize HPE VDI Solutions**

- Explain how Citrix and VMware tools can be used to optimize VDI solutions
- Explain the impact of the shared storage IOPs on the boot performance of the VMs
- Describe how a master/golden image should be optimized for performance
- Describe how a WAN accelerator can be used to optimize network bandwidth utilization

Objectives

After you successfully complete this course, expect to be able to:

- Distinguish between HDI, VDI, and application virtualization
- Describe different types of VDI solutions
- Given a particular use case, determine whether VDI is an appropriate solution
- Describe the difference between NVIDIA and AMD GPUs
- Identify the advantages of a given VDI solution that includes InfoSight
- Determine the correct HPE Server solution for a given scenario
- Determine the correct HPE Storage solution for a given scenario
- Identify which components are appropriate for the backend of a VDI solution

How to register

Click on this link to register for this course: <https://certification-learning.hpe.com/tr/TrainingCalendar?excludePartners=false&CourseId=01129128>

For more information

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