

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.

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| 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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