

VCP-DTM - Desktop Management



Online Course

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Course Modules

VMware Horizon Professional

IT Architectures, Technologies, Standards

1.VMware Solution

- Describe the features and benefits of a VMware Horizon soln
- Various components in a VMware Horizon solution
- Describe the purpose of Horizon Agent
- Explain VMware Tools
- Describe the Session Collaboration feature
- Describe VMware Integrated Printing
- Describe 3D rendering options available in Horizon 8
- Discuss scalability options available in Horizon 8
- Describe different security options for the Horizon environment
- Describe Horizon Connection Server features and function
- Features and benefits of Workspace ONE Access
- How a load-balancing capability improves VMware Horizon
- Describe benefits of the Cloud Pod Architecture feature
- Discuss the benefits of using Unified Access Gateway



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- Describe RD Host on RDSH Farm and an application pool
- Compare remote display protocols that are available in VMware
- Describe conceptual and logical architecture of VMware Horizon

Plan and Design the VMware Solution

2. Install, Configure, Administrate the VMware Solution

- Work with vSphere in a VMware Horizon solution
 - Use the vSphere Client to access your vCenter Server system
 - Recognize ESXi hosts communicate with vCenter Server
 - Create and Provision a VM
- Work with VMware Horizon Desktops
 - Create Windows VMs to create VMware Horizon desktops
 - Configure, manage, and entitle desktop pools of full VMs
 - Configure desktops for HTML Access
 - Create Windows VMs
 - Create Linux VMs
 - Optimize the Horizon desktop using OSOT
- Work with Horizon Agent
 - Create a golden image for VMware Horizon Windows desktops
 - Add Application shortcuts to the Desktop and Start menu
 - Configure an app to start before a user opens the app



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- Work with VMware Horizon Desktop Pools
 - Set up a template for a desktop pool deployment
 - Entitle user and groups to pools
 - Access the setting and status of a pool
 - Configure, manage and entitle pools of instant-clone desktops
 - Push updated images to Instant Clone desktop pools
 - Set up and automated pool of instant clones
- Work with VMware Horizon Clients
 - Config VMware Horizon Client systems & connect the client
 - Identify the steps to enable & configure Session Collaboration
 - Configure VMware Integrated Printing
 - List the management options for permissions and folders
 - Use Group Policy Settings to configure Horizon Client
- Work with a Published Application
 - Create Remote Desktop Services (RDS) desktops and app pools
 - Create an app pool to give users access to an application
 - Create an RDS Desktop pool and app pool and access desktops
 - Create app pools from installed applications in RDSH or Linux
 - Describe default load-balancing procedure for RDSHs



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- Work with Horizon Connection Server
 - Add desktops to the Horizon Connection Server inventory
 - Configure a Horizon Event database
 - Describe Horizon Connection Server installation, architecture
 - The structure of the AD LDS database and how it is navigated
 - Describe how to apply/consume a Horizon license
- Work with authentication methods & certificates in a Horizon solution
 - Describe the authentication and certification options
 - Describe the authentication methods supported by Horizon
 - Outline the steps to create a Horizon administrator
 - Outline the steps to create a custom role
 - Purpose of using Transport Layer Security certificates
 - Integrate Horizon with Workspace ONE Access & other SAML
- Work with Horizon protocols
 - Analyze the remote display protocols that are available in VMware
 - Describe BLAST Display protocol codecs and options
 - List ideal applications for each BLAST codec
 - Describe BLAST and PCoIP ADMX GPO common configurations



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- Work with graphics cards in a Horizon solution
 - Describe the 3D rendering settings available in VMware Horizon
 - List the steps to configure graphics for use in a VMware environment
- Work with Horizon scalability options
 - Configure load-balancing settings in Horizon Console
 - Explain how multiple Horizon Connection Server instances
 - List several best practices for a multi-server deployment
 - Describe the Cloud Pod Architecture LDAP replication
 - Compare the purpose of the global LDAP instance and LDAP
 - Purpose of the interpod communication and the View Interpod
 - Describe Cloud Pod Architecture Global Entitlements
 - Initialize Cloud Pod Architecture
- Work with App Volumes (specific to 4.x)
 - Create and assign packages, working with Writeables, etc
- Work with Dynamic Environment Manager (DEM)
 - Work with Horizon Smart Policies
- Configure roles and privileges in VMware Horizon
- Work with Horizon security
 - Identify the benefits of using Unified Access Gateway in the DMZ
 - Identify the tunnel points when the security gateway is not used
 - Two-factor authentication methods that the Unified Access Gateway



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- List Unified Access Gateway firewall rules
- Describe & use the capabilities of the VMware Horizon console
- Use the dashboard to perform day 2 operations
- Monitor performance of remote desktop/s using the Horizon
- Monitor desktop sessions using the HelpDesk tool
- How information found on the Users and Groups page is used

3.Troubleshoot and optimize the VMware Solution

- Perform basic troubleshooting and repairing tasks
- Schedule maintenance of instant clones
- Resolve basic network troubleshooting (DHCP, NTP, DNS, AD)
- Awareness of log files (generation and location)

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