Omnissa Horizon Cloud Services Next Gen on Microsoft Azure: Deploy and Manage

Kód kurzu: VMW_DMMZ

This hands-on training provides you with the knowledge, skills, and abilities to achieve competence in deploying and managing Horizon® Cloud Service on Microsoft Azure. This training also teaches you how to use the Horizon Universal Console and Microsoft Azure portal.Through a combination of hands-on labs and interactive lectures, you learn how to import and manage images for VDI and RDSH assignments. You also learn how to configure and use the Horizon® Universal Broker™ function, App Volumes, Omnissa Access, and Dynamic Environment Manager in the Horizon Cloud Service on Microsoft Azure deployment.

Pro koho je kurz určen

- Systems Integrators
- Systems Administrator
- Cloud Administrators
- Solutions Architects
- Solution Engineers
- Account Manager
- Sales Engineers
- Microsoft End-User Computing Specialists
- Consultants

Co Vás naučíme

By the end of the course, you should be able to meet the following objectives:

- Describe the architecture of Horizon Cloud Service on Microsoft Azure
- Discuss the initial Microsoft Azure configurations required for the Horizon Cloud Service on Microsoft Azure deployment
- Discuss Horizon Cloud Service on Microsoft Azure networking concepts
- Discuss Horizon Cloud Service on Microsoft Azure Active Directory (AD) requirements and integration best practices
- Discuss the integration of Omnissa Access with Horizon Cloud Service on Microsoft Azure
- Discuss the requirement for deploying Horizon Cloud Service on Microsoft Azure
- Demonstrate how to deploy or upgrade Horizon Cloud Service on Microsoft Azure
- Identify the Horizon Cloud Service console controls that are available for administrators
- Identify Horizon Cloud upgrade features and benefits
- List the steps and considerations to take when setting up a primary VM to be used as an assignable image
- List the steps to install the user software on the primary VM
- Describe pools and pool groups
- Explain the creation process and configuration options for single and multisession pools and pool groups
- Create Single-Session and Multi-Session desktop assignments and entitlements
- Explain power management options in the single and multi-session pool groups
- Manage assignable images on Horizon Cloud Service on Microsoft Azure
- Describe how to use Horizon Image Management Service for Horizon Cloud Service on Microsoft Azure
- Identify how to access desktops and application from Horizon Cloud Service on Microsoft Azure
- Describe the integration of Dynamic Environment Manager with Horizon Cloud Service on Microsoft Azure
- Manage user personalization and application configurations using the Dynamic Environment Manager management console and application profiler
- Discuss the usage of App Volumes for Horizon Cloud Service on Microsoft Azure
- Interpret scalability considerations for Horizon Cloud Service on Microsoft Azure
- Apply troubleshooting techniques relevant to Horizon Cloud Service and Microsoft Azure
- Summarize the analytics and monitoring capabilities in Horizon Cloud Service on Microsoft Azure

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Požadované vstupní znalosti

This course has no prerequisites.

Osnova kurzu

1 Course Introduction

- Introduction and course logistics
- Course objectives

2 Introduction to Horizon Cloud Service on Microsoft Azure

- Discuss the features and benefits of Horizon Cloud Service on Microsoft Azure
- Identify the available Horizon Cloud and Microsoft licensing options
- Identify the system architecture components of Horizon Cloud Service on Microsoft Azure
- Explain how Dynamic Environment Manager is used in Horizon Cloud profile management
- Describe Horizon Cloud application management using App Volumes
- Identify the Microsoft Azure configuration prerequisites for a Horizon Cloud integration
- Identify the main Microsoft Azure components required for a Horizon Cloud deployment
- Review the virtual machines supported in Horizon Cloud Service on Microsoft Azure

3 Microsoft Azure Networking Requirements

- Discuss Horizon Cloud connectivity considerations and tasks
- Explain the networking concepts for Horizon Cloud Service on Microsoft Azure
- Identify the ports required for local connections, remote connections, and endpoint OS firewall rules

4 Identity Management

- Explain computer identity type and user identity type
- Discuss the best practices for Horizon Cloud Service on Microsoft Azure AD integrations
- Determine the requirements for Horizon Cloud Service on Microsoft Azure AD
- Describe the benefits of integrating Horizon Cloud with Omnissa Access
- Explain how a user obtains access to an entitled virtual desktop or application from the Workspace ONE® Intelligent Hub catalog
- Discuss the importance of binding directory with Workspace ONE Access and setting up custom user attribute synchronization
- Discuss the importance of configuring the Remote App Access client in Omnissa Access
- Demonstrate how to access an entitled Horizon virtual desktop or application in the Workspace ONE Intelligent Hub catalog

5 Deployment and Upgrades

- Explain the steps and requirements for deploying Horizon Cloud Service on Microsoft Azure
- Describe the features and benefits of Horizon Edge
- Describe the differences between internal and external gateways
- Outline the Horizon Universal Console controls available for administrators
- Identify the features and benefits of the Horizon Cloud upgrades

6 Creating Images

- Outline the process and configuration choices for setting up primary VMs
- Identify the configuration choices for importing primary VMs
- List the steps to install the user software on the primary VM
- Explain how to convert a configured primary VM to an assignable image
- Describe pools and pool groups
- List the steps for configuring an image to a pool
- List the steps for configuring an image to a pool group

7 Pool Groups

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- Compare dedicated assignments to floating assignments
- Outline the steps for creating a VDI desktop assignment
- Explain the entitlement of desktops
- Outline the creation process and configuration options for multisession pools and pool groups
- Explain the power management selections in the multisession pool groups
- Compare the rolling maintenance and load-balancing options
- Identify the actions related to the multisession groups page
- Identify the actions to add and assign applications to a user or group
- Outline the prerequisites for entitling a multisession assignment
- List the steps for creating a multisession assignment

8 Accessing Desktops and Applications

- Identify the different versions of Horizon Client
- Describe how to access desktops and remote applications with Horizon Client
- Describe how to access desktops and remote applications with a browser
- Compare the remote display protocols that are available for Horizon Cloud
- Describe the Blast Extreme display protocol codecs
- List the ideal applications for each Blast Extreme codec
- Describe the Blast Extreme policy configurations

9 Managing Images

- Describe images
- Explain how to manage images

10 Dynamic Environment Manager on Horizon Cloud Service on Microsoft Azure

- Identify the functional areas of Dynamic Environment Manager and their benefits
- Explain how to use the Dynamic Environment Manager console and application profiler to manage user personalization and application configurations

11 App Volumes for Horizon Cloud Service on Microsoft Azure

- Explain how App Volumes works with Horizon Cloud Service on Microsoft Azure
- Identify the features and benefits of App Volumes in Horizon Cloud Service on Microsoft Azure
- Identify the interface elements of App Volumes in Horizon Cloud Service on Microsoft Azure
- Demonstrate how to configure App Volumes in Horizon Cloud Service on Microsoft Azure

12 Scalability Considerations

- Recognize the scalability settings for Horizon Cloud Service on Microsoft Azure

13 Troubleshooting Horizon Cloud Service on Microsoft Azure

- Explain the troubleshooting basics for Horizon Cloud Service on Microsoft Azure
- Identify the analytics and monitoring capabilities of Horizon Cloud Service on Microsoft Azure
- Explain the troubleshooting basics for Horizon Cloud

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