Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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Configuring and Operating Microsoft Azure Virtual Desktop

Kód:	DÉLKA:	CENA:
MCS_AZ-140T00	32 Hours (4 DENNÍ)	Kč bez DPH 27,900.00

Description

Čtyřdenní kurz seznamuje s nasazením a správou Windows virtuálních stanic a virtualizovaných a vzdálených aplikací na Azure cloudovém prostředí.

Naučíte se:
Vybrat vhodný licenční model
Nakonfigurovat síťová spojení
Spravovat virtuální desktopy za pomoci technologie Azure Bastion
Spravovat úložiště pro komponenty FSLogix
Vytvářet a spravovat obrazy operačních systémů
Používat a řídit přístup pomocí role-based access control RBAC
Nastavit parametry uživatelského prostředí
Instalovat a spravovat aplikace
Zajistit kontinuitu podnikání a obnovu při výpadku
Sledovat a optimalizovat výkon

Cíle

Select an appropriate licensing model for Windows Virtual Desktop
Implement networking for Windows Virtual Desktop
Manage Windows Virtual Desktop session hosts by using Azure Bastion
Configure storage for FSLogix components
Create and manage session host images
Implement Azure roles and role-based access control (RBAC) for Windows Virtual Desktop
Configure user Windows Virtual Desktop experience settings
Install and configure apps on a session host
Implement business continuity and disaster recovery
Monitor and manage Windows Virtual Desktop performance

Určeno pro

Students for AZ-140: Configuring and Operating Windows Virtual Desktop on Microsoft Azure are interested in delivering applications on Windows Virtual Desktop and optimizing them to run in multi-session virtual environments. As a Windows Virtual Desktop administrator, you will closely with the Azure Administrators and Architects, along with Microsoft 365 Administrators. Windows Virtual Desktop administrator responsibilities include planning, deploying, packaging, updating, and maintaining the Azure Windows Virtual Desktop infrastructure. They also create session host images, implement and manage FSLogix, monitor Windows Virtual Desktop performance, and automate Windows Virtual Desktop management tasks.

Program

Module 1:
Plan a Windows Virtual Desktop Architecture
In this module, you will learn how to assess existing physical and virtual desktop environments, plan and configure name resolution for Active Directory (AD) and Azure Active Directory Domain Services (Azure AD DS), and plan for Windows Virtual Desktop client deployments.

Windows Virtual Desktop Architecture
Design the WVD architecture
Design for user identities and profiles
Lessons Lab: Prepare for deployment of Azure Windows Virtual Desktop (Azure AD DS)
Lab: Prepare for deployment of Azure Windows Virtual Desktop (AD DS) After completing this module, students will be able to:
Understand Windows Virtual Desktop Components
Understand personal and pooled desktops
Recommend an operating system for a WVD implementation Module 2:
Plan a host pools architecture Implement a WVD Infrastructure
In this module, you will learn how to manage connectivity to the internet and on-premises networks, create a host pool by using the Azure portal, deploy host pools and hosts by using Azure Resource Manager templates, apply OS and application updates to a running WVD host, and create a master image.
Implement and manage networking for WVD
Implement and manage storage for WVD
Create and configure host pools and session hosts
Create and manage session host image
Lessons Lab: Create and configure host pools and session hosts (Azure AD DS)
Lab: Deploy host pools and session hosts by using the Azure portal (AD DS)
Lab: Implement and manage storage for WVD (Azure AD DS)
Lab: Deploy host pools and hosts by using Azure Resource Manager templates
Lab: Deploy and manage host pools and hosts by using PowerShell After completing this module, students will be able to:
Implement Azure virtual network connectivity
Manage connectivity to the internet and on-premises networks
Understanding Windows Virtual Desktop network connectivity
Configure WVD session hosts using Azure Bastion
Configure storage for FSLogix components
Configure disks and file shares
Modify a session host image Module 3:
Create and use a Shared Image Gallery (SIG) Manage Access and Security
In this module, you will learn how to plan and implement Azure roles and RBAC for WVD, implement Conditional Access policies for connections, plan and implement MFA, and manage security by using Azure Security Center.
Manage access
Manage security
Lessons Lab: Configure Conditional Access policies for connections to WVD (AD DS)
After completing this module, students will be able to:
Manage local roles, groups and rights assignment on WVD session hosts.
Configure user restrictions by using AD group policies and Azure AD policies
Understand Conditional Access policy components
Prepare for Azure Active Directory (Azure AD)-based Conditional Access for Windows Virtual Desktop
Implement Azure AD-based Conditional Access for Windows Virtual Desktop

Module 4:
Manage User Environments and Apps
In this module, you will learn how to plan for FSLogix, install FSLogix, configure Cloud Cache, deploy an application as a RemoteApp, and implement and manage OneDrive for Business for a multi-session environment.
Implement and manage FSLogix
Configure user experience settings
Install and configure apps on a session host
Lessons Lab: Windows Virtual Desktop profile management (Azure AD DS)
Lab: Windows Virtual Desktop profile management (AD DS) Lab: Windows Virtual Desktop application packaging (AD DS)
After completing this module, students will be able to:
Configure Profile Containers
Configure Azure Files to store profile containers for WVD in an AAD DS environment
Implement FSLogix based profiles for Windows Virtual Desktop in Azure AD DS environment
Implement FSLogix based profiles for Windows Virtual Desktop
Prepare for and create MSIX app packages
Implement MSIX app attach container for Windows Virtual Desktop in AD DS environmen

Module 5:
Monitor and maintain a WVD infrastructure
In this module, you will learn how to plan and implement a disaster recovery plan for WVD, configure automation for WVD, implement autoscaling in host pools, and optimize session host capacity and performance.
Plan and implement business continuity and disaster recovery
Automate WVD management tasks
Monitor and manage performance and health
Lessons Lab: Implement autoscaling in host pools (AD DS) After completing this module, students will be able to:

Plan and implement a disaster recovery plan for WVD
Configure automation for WVD
Monitor WVD by using Azure Monitor
Customize Azure Workbooks for WVD monitoring
Configure autoscaling of Windows Virtual Desktop session hosts
Verify autoscaling of Windows Virtual Desktop session host

Termíny školení

Datum	Místo konání	Časové pásmo	Jazyk	Typ	Garance termínu	CENA
20 May 2024	Praha	CEDT	Čeština	Classroom		Kč bez DPH 27,900.00
20 May 2024	Virtual Classroom	CEDT	Čeština	Instructor Led Online		Kč bez DPH 27,900.00

Dodatečné informace

Školení je možné zajistit na míru. Kontaktujte nás pro bližší informace.