Exam Session - Knowledge Check: Designing an Azure Virtual Desktop Architecture

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#1

_____ is Microsoft Cloud's default identity service.

✗
Active Directory Domain Services

✗
Azure Active Directory Domain Services

✓
Azure Active Directory

✗
Identity and Access Management

Explanation

Let's jump straight into identity and access management options. First, we have Azure Active Directory, which is Microsoft Cloud's default identity service and it's with this service that we can integrate features, such as conditional access and multi-factor authentication.

/course/designing-azure-virtual-desktop-architecture-2046/planning-and-configuring-name-resolution-for-active-directory-and-azure-ad-domain-services/

#2

Which category of Azure Virtual Desktop workload contains marketing people who use data entry applications, like Microsoft Word?

✗
light

✓
medium

✗

heavy

✕

power

Explanation

We have medium workloads. With this type of workload, we are thinking more in the line of marketing people who use data entry applications, like Microsoft Word.

/course/designing-azure-virtual-desktop-architecture-2046/calculating-and-recommending-a-configuration-for-performance-requirements/

#3

Which of the following options is not a category of workload in Azure Virtual Desktop?

✕

power

✕

heavy

✕

medium

✓

basic

Explanation

We'll take a more in depth look at the assessment element of Azure Virtual Desktop. We have data on workloads, where we can have light, medium, heavy, or power user workloads.

/course/designing-azure-virtual-desktop-architecture-2046/assessing-existing-physical-and-virtual-environments/

#4

Which category of Azure Virtual Desktop workload contains 3D model makers who use applications such as Adobe products or CAD applications?

✕

light

✗
medium

✗
heavy

✓
power

Explanation

The final workload we need to consider is power workloads. This type of workload suits 3D model makers who use applications such as Adobe products or CAD applications.

/course/designing-azure-virtual-desktop-architecture-2046/calculating-and-recommending-a-configuration-for-performance-requirements/
#5

In Azure Virtual Desktop, a _____ is also known as a non-persistent desktop and shares the session host resources or multiple users at any given time.

✗
resource group

✓
pooled host pool

✗
non-persistent state

✗
load balancer

Explanation

A pooled host pool is also known as a non-persistent desktop and shares the session host resources or multiple users at any given time.

/course/designing-azure-virtual-desktop-architecture-2046/planning-host-pool-architecture/
#6

It is recommended not to exceed _____ cores for any single virtual machine in an Azure Virtual Desktop environment.

✗
16

✓
32

✗
64

✗
128

Explanation

Finally, it is recommended not to exceed 32 cores for any single virtual machine in an Azure Virtual Desktop environment.

/course/designing-azure-virtual-desktop-architecture-2046/calculating-and-recommending-a-configuration-for-performance-requirements/
#7

Azure _____ templates allow us to automate virtual machine deployment.

✗
virtual machine

✗
resource provisioner

✗
Remote Desktop

✓
Resource Manager

Explanation

Azure Resource Manager, better known as ARM, template deployment is only supported with Windows 10 Enterprise multi-session, version 1909 and later, Windows 10 Enterprise version 1909 and later, and Windows Server 2016. ARM templates allow us to automate virtual machine deployment.

/course/designing-azure-virtual-desktop-architecture-2046/recommending-an-os-for-azure-virtual-desktop/
#8

Which component of Azure Virtual Desktop is an event-based aggregator that marks each action that is made by either a user or an administrator as a failure or a success?

✓
Diagnostics

✗
Gateway Access

✗
Virtual Desktop Workspace

✗
Active Directory

Explanation

Diagnostics, this event-based aggregator, marks each action that is made by either a user or an administrator on the Azure Virtual Desktop deployment as a failure or a success.

/course/designing-azure-virtual-desktop-architecture-2046/azure-virtual-desktop-overview/
#9

Which of the following methods is not a deployment option for Azure Virtual Desktop?

✗
provisioning host pools on the Azure Marketplace

✓
Azure Virtual Desktop Platform

✗

Azure Image Gallery

manual virtual machine deployment

Explanation

Now that you understand the supported operating systems for Azure Virtual Desktop, you also need to look at the different deployment options these operating systems support. The first deployment option we have is from the Azure Image Gallery. We then have manual virtual machine deployment, which is again supported by all the operating system types we have discussed so far. Azure Resource Manager, better known as ARM, template deployment is only supported with Windows 10 Enterprise multi-session, version 1909 and later, Windows 10 Enterprise version 1909 and later, and Windows Server 2016. ARM templates allow us to automate virtual machine deployment. The final deployment method available for Azure Virtual Desktop is provisioning host pools on the Azure Marketplace.

/course/designing-azure-virtual-desktop-architecture-2046/recommending-an-os-for-azure-virtual-desktop/

#10

A _____ is a logical container that allows you to manage your Azure resources that have been provisioned, and is the first logical management layer at which your Azure resources are stored.

subscription group

management group

resource group

subscription

Explanation

A resource group is a logical container that allows you to manage your Azure resources that have been provisioned. The resource group is the first logical management layer at which your Azure resources are stored.

/course/designing-azure-virtual-desktop-architecture-2046/recommend-resource-groups-subscriptions-and-management-groups/

#11

Which component of Azure Virtual Desktop manages session hosts and publishes the host pool resources?

✓ Virtual Desktop Workspace

✗ Gateway Access

✗ Web Access

✗ Diagnostics

Explanation

Azure Virtual Desktop Workspace: This component manages session hosts and publishes the host pool resources.

/course/designing-azure-virtual-desktop-architecture-2046/azure-virtual-desktop-overview/

#12

With the session host communication channel in Azure Virtual Desktop, when the session initially starts, the _____ service creates a constant channel with Azure Virtual Desktop.

✗ Reverse Connect Transport

✓ Remote Desktop Agent Loader

✗ Azure Resource Manager

✗

Remote Desktop Protocol

Explanation

With the session host communication channel, when the Azure Virtual Desktop session initially starts there is a service called Remote Desktop Agent Loader service, which creates a constant channel with Azure Virtual Desktop.

/course/designing-azure-virtual-desktop-architecture-2046/assessing-existing-physical-and-virtual-environments/
#13

_____ is a traditional on-premises identity and access management service where you install the Active Directory role onto a physical or virtual server.

✓
Active Directory Domain Services

✗
Azure Active Directory Domain Services

✗
Azure Active Directory

✗
Identity and Access Management

Explanation

We have Active Directory Domain Services. This is your traditional on-premises identity and access management service where you install the Active Directory role onto a physical or virtual server.

/course/designing-azure-virtual-desktop-architecture-2046/planning-and-configuring-name-resolution-for-active-directory-and-azure-ad-domain-services/
#14

What are the three stages in an Azure Virtual Desktop proof of concept?

✓
assess, migrate, release

✗
plan, access, deploy

✗
analyze, provision, run

✗
build, deploy, test

Explanation

There are traditionally three stages in a proof of concept. The first stage is assess. Stage two is to migrate. The third stage is release.

/course/designing-azure-virtual-desktop-architecture-2046/assessing-existing-physical-and-virtual-environments/
#15

Which category of Azure Virtual Desktop workload contains content creators who utilize Microsoft apps such as PowerPoint and Outlook?

✗
light

✗
medium

✓
heavy

✗
power

Explanation

We move into heavy workloads. And these type of workloads are ideal for content creators who utilize broader Microsoft apps, such as PowerPoint and Outlook.

/course/designing-azure-virtual-desktop-architecture-2046/calculating-and-recommending-a-configuration-for-performance-requirements/