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Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack

Microsoft 70-537

Version Demo

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Topic Break Down

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QUESTION NO: 1

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

Start of repeated scenario.

Your network contains an Active Directory forest named contoso.com

You deploy an Azure Stack integrated system named Prod to a production environment. You also deploy an Azure Stack integrated system named Dev to a development environment. The developers who access Dev change frequently.

The Azure Stack integrated systems and the contoso.com forest are federated.

The on-premises network contains a Hyper-V host that hosts a Red Hat Enterprise Linux virtual machine named Linux1. Linux1 has the following characteristics:

- A 2-TB disk
- Generation 1
- 10 virtual cores
- 128 GB of RAM
- A disk named LinuxVhd.vhdx

You plan to deploy infrastructure as a service (IaaS) to Dev for developer projects. The Marketplace on Dev is configured and ready to publish items. Dev contains one plan named Dev_Plan1 and one offer named Dev_Offer1.

Prod contains two plans and two offers. One of the offers is named Offer1.

All the IaaS and platform as a service (PaaS) tenant data must be backed up to an external location. The solution must ensure that the data can be restored if the datacenter that hosts Prod becomes unavailable.

End of repeated scenario.

You need to provide the support team for the developers the ability to perform Azure Stack operator tasks on the Dev Azure Stack integrated system. The solution must minimize the amount of administrative effort required to manage the administrative rights.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A.** From the Azure Stack administrator portal, configure the Default Provider Subscription.
- B.** In contoso.com, modify the group membership of the development users.
- C.** From the Azure Stack administrator portal, create a new subscription.
- D.** From PowerShell, run the New-CloudAdminUser cmdlet.

E. From the Azure Stack administrator portal, create a new resource group.

ANSWER: A B D

QUESTION NO: 2

You deploy the Azure Stack Development Kit.

You receive the following Service Fabric warning alert: "The infrastructure role Infrastructure management controller is experiencing issues." You need to resolve the problem as quickly as possible.

What should you do?

- A. From the privileged endpoint, run Restart-Computer.
- B. From the Azure Stack administrator portal, restart the infrastructure role.
- C. Restart the development kit host computer.
- D. Contact Microsoft support and follow the instructions provided.

ANSWER: B

QUESTION NO: 3 - (HOTSPOT)

HOTSPOT

You plan to deploy an Azure Stack integrated system and the Azure Stack Development Kit. Both will be registered with Microsoft Azure.

The planned deployment will contain the virtual machines configured as shown in the following table.

| Virtual machine name | Configuration | Operating system | Runs on |
|----------------------|---|--------------------------------|-------------------------------|
| Azs-dc01 | Azure Stack infrastructure domain controller | Windows Server 2016 Standard | Azure Stack integrated system |
| VM1 | Virtual machine that runs under a tenant subscription | Windows Server 2016 Standard | Azure Stack integrated system |
| VM2 | Virtual machine that runs under a tenant subscription | Linux | Azure Stack integrated system |
| VM3 | Virtual machine that runs under a tenant subscription | Windows Server 2016 Datacenter | Azure Stack Development Kit |

You need to identify which virtual machines will report usage information to Azure, and which virtual machines will generate monthly fees.

Which virtual machines should you identify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Virtual machines that will report usage information:

| |
|-----------------------------|
| ▼ |
| VM1 and VM2 only |
| VM1 and VM3 only |
| VM1, VM2, and VM3 only |
| VM1, VM2, VM3, and Azs-dc01 |

Virtual machines that will generate monthly fees:

| |
|-----------------------------|
| ▼ |
| VM1 and VM2 only |
| VM1 and VM3 only |
| VM1, VM2, and VM3 only |
| VM1, VM2, VM3, and Azs-dc01 |

ANSWER:

Answer Area

Virtual machines that will report usage information:

- VM1 and VM2 only
- VM1 and VM3 only
- VM1, VM2, and VM3 only
- VM1, VM2, VM3, and Azs-dc01

Virtual machines that will generate monthly fees:

- VM1 and VM2 only
- VM1 and VM3 only
- VM1, VM2, and VM3 only
- VM1, VM2, VM3, and Azs-dc01

Explanation:

References: <https://docs.microsoft.com/en-us/azure/azure-stack/azure-stack-usage-reporting#are-users-charged-for-the-infrastructure-vm>s

QUESTION NO: 4

NOTE: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have several Azure Stack integrated systems.

A new Azure Stack operator joins your team.

You create a new user named AzStackOp1 that the new operator will use to manage the systems.

AzStackOp1 attempts to create a new plan and receives the following error message: "Failed to submit deployment. Error submitting the deployment request. Additional details from the underlying API that might be helpful: The client 'AzStackOp1@onmicrosoft.com' with object id '03f4f6a8-0bb5 does not have authorization to perform action..."

You need to ensure that AzStackOp1 can create plans and offers. The solution must prevent AzStackOp1 from delegating RBAC rights to other users.

Solution: You assign AzStackOp1 Contributor rights to the Default Provider Subscription.

Does this meet the goal?

- A. Yes
- B. No

ANSWER: A

QUESTION NO: 5

You have an Azure Stack integrated system.

What are three possible types of records that you can create in Azure Stack DNS? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. SRV
- B. MX
- C. PTR
- D. NSEC
- E. AAAA

ANSWER: A B C

Explanation:

Azure Stack does not support IPv6 (so no AAAA records) or DNSSEC (so no NSEC records).

QUESTION NO: 6 - (HOTSPOT)

HOTSPOT

Your company has a DNS domain named contoso.com.

You have a new Azure Stack integrated system that has the following deployment details:

- Region: West
- Naming prefix: as1
- Internal domain name: azurestack.local ▪ External domain name: cloud.contoso.com

You need to create a DNS delegation for the system.

How should you configure the delegation? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Zone to delegate:

| | |
|-----------------------|---|
| | ▼ |
| As1.cloud.contoso.com | |
| Azurestack.local | |
| Cloud.contoso.com | |
| West.azurestack.local | |
| West.contoso.com | |

FQDN of a name server:

| | |
|---------------------------------|---|
| | ▼ |
| As1.azurestack.local | |
| As1-ns01.west.cloud.contoso.com | |
| Dns1.contoso.com | |
| Ns01.cloud.contoso.com. | |

ANSWER:

Answer Area

Zone to delegate:

| | |
|-----------------------|---|
| | ▼ |
| As1.cloud.contoso.com | |
| Azurestack.local | |
| Cloud.contoso.com | |
| West.azurestack.local | |
| West.contoso.com | |

FQDN of a name server:

| | |
|---------------------------------|---|
| | ▼ |
| As1.azurestack.local | |
| As1-ns01.west.cloud.contoso.com | |
| Dns1.contoso.com | |
| Ns01.cloud.contoso.com. | |

Explanation:

References: <https://docs.microsoft.com/en-us/azure/azure-stack/azure-stack-integrate-dns#>

QUESTION NO: 7 - (DRAG DROP)

DRAG DROP

You have an application that runs on Microsoft Azure.

You need to implement the application on an Azure Stack integrated system.

You verify that all the services used by the application are available in Azure Stack.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

Export the automation script for the application to an XML file.

Create a solution package.

Set the target location of the application to **null** and set the API version.

Export the automation script for the application to a JSON file.

Set the target location of the application to **local** and set the API version.

Answer Area



ANSWER:

Actions

Export the automation script for the application to an XML file.

Create a solution package.

Set the target location of the application to **null** and set the API version.

Export the automation script for the application to a JSON file.

Set the target location of the application to **local** and set the API version.

Answer Area

Create a solution package.

Set the target location of the application to **local** and set the API version.

Export the automation script for the application to a JSON file.



Explanation:

QUESTION NO: 8

You have an Azure Stack integrated system that has a SQL Server resource provider.

You have an Azure Resource Manager template named Template1.

You need to validate whether Template1 can be deployed to the system.

Which cmdlet should you run before you run Test-AzureRMTemplate?

- A. Get-AzureRMCloudCapability
- B. Get-AzsResourceProviderManifest
- C. Get-AzureDeployment
- D. Get-RmsTemplates

ANSWER: A

Explanation:

References: <https://docs.microsoft.com/en-us/azure-stack/user/azure-stack-validate-templates?view=azs-1908>

QUESTION NO: 9 - (DRAG DROP)

DRAG DROP

You have an Azure Stack integrated system that uses the external domain name of fabrikam.com.

You need to publish an Azure Marketplace Package (.azpkg) file to the Marketplace.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Actions

From `https://portal.fabrikam.com`, create a blob container that has a Private access policy.

From `https://adminportal.fabrikam.com`, upload the Azure Marketplace Package.

From a PowerShell session, connect to `https://adminmanagement.fabrikam.com` and run `Add-AzureRMGalleryItem`.

From a PowerShell session, connect to `https://adminportal.fabrikam.com` and run `New-AzureRmOffer`.

From `https://adminportal.fabrikam.com`, create a blob container that has a Blob access policy.

From `https://portal.fabrikam.com`, upload the Azure Marketplace Package.

Answer Area



ANSWER:

Actions

From `https://portal.fabrikam.com`, create a blob container that has a Private access policy.

From `https://adminportal.fabrikam.com`, upload the Azure Marketplace Package.

From a PowerShell session, connect to `https://adminmanagement.fabrikam.com` and run `Add-AzureRMGalleryItem`.

From a PowerShell session, connect to `https://adminportal.fabrikam.com` and run `New-AzureRmOffer`.

From `https://adminportal.fabrikam.com`, create a blob container that has a Blob access policy.

From `https://portal.fabrikam.com`, upload the Azure Marketplace Package.

Answer Area

From `https://adminportal.fabrikam.com`, create a blob container that has a Blob access policy.

From `https://adminportal.fabrikam.com`, upload the Azure Marketplace Package.

From a PowerShell session, connect to `https://adminmanagement.fabrikam.com` and run `Add-AzureRMGalleryItem`.

Explanation:

1. Create a blob container. This is a temporary container but it must be publicly accessible.
2. Uploaded the package.
3. Publish the package using the `Add-AzureRMGalleryItem` cmdlet.

References:

<https://docs.microsoft.com/en-us/azure/azure-stack/azure-stack-create-and-publish-marketplace-item#publish-a-marketplace-item>

QUESTION NO: 10

You deploy an Azure Stack Development Kit that uses a Microsoft Azure Active Directory (Azure AD) tenant as the identity provider.

You need to configure marketplace syndication and usage reporting.

Which two credentials do you need to achieve the goal? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. your Azure AD global administrator account

B. the Enterprise Administrator (EA) from <https://ea.azure.com>

C. the Azure Stack operator

D. the Azure subscription owner

ANSWER: A D