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# Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub

**Microsoft AZ-600** 

**Version Demo** 

**Total Demo Questions: 10** 

**Total Premium Questions: 194** 

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# **Topic Break Down**

| Topic                    | No. of Questions |
|--------------------------|------------------|
| Topic 2, New Update      | 113              |
| Topic 3, Case Study 1    | 2                |
| Topic 4, Case Study 2    | 2                |
| Topic 5, Case Study 3    | 5                |
| Topic 6, Case Study 4    | 2                |
| Topic 7, Mixed Questions | 70               |
| Total                    | 194              |



# **QUESTION NO: 1 - (DRAG DROP)**

#### DRAG DROP

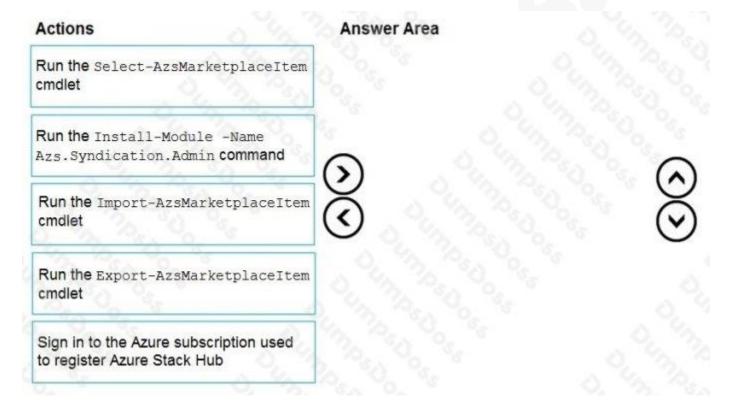
You have an Azure Stack Hub integrated system that is disconnected from the Internet.

You need to make a new image available in Azure Stack Hub Marketplace in the disconnected environment.

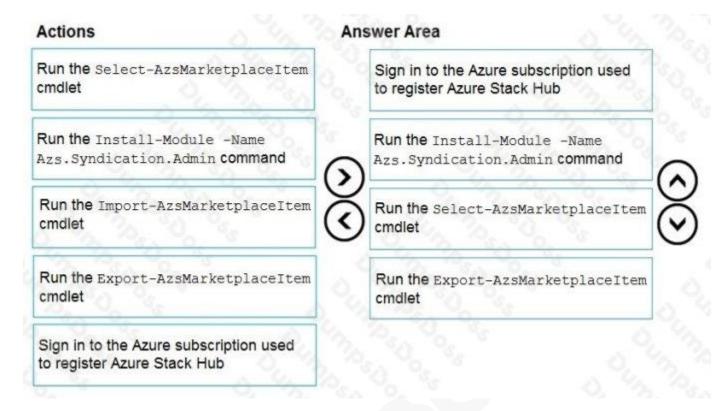
From a computer that has Internet access, you download all the required tools.

Which four actions should you perform in sequence next? 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:**



# ANSWER:



# **Explanation:**

Reference: https://docs.microsoft.com/en-us/azure-stack/operator/azure-stack-download-azure-marketplace-item?view=azs-2008&tabs=az1%2Caz2&pivots=state-disconnected

# **QUESTION NO: 2**

You have an Azure Stack Hub integrated system.

You need to give a new operator access to the privileged endpoint (PEP) as soon as possible.

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

NOTE: Each correct selection is worth one point.

- A. Run the New-CloudAdminUser cmdlet.
- B. Run the New-AzureADUser cmdlet.
- C. Connect to the PEP.
- D. Connect to and unlock the PEP.
- **E.** Connect to the administrator management endpoint.

| ANSWER: A C |  |  |
|-------------|--|--|
|             |  |  |

#### **Explanation:**



Reference: https://docs.microsoft.com/en-us/azure-stack/operator/azure-stack-privileged-endpoint?view=azs-2008

# **QUESTION NO: 3**

You have a disconnected Azure Stack Hub integrated system.

You have a registered app named App1 that has a client ID of 2bbe67d8-3fdb-4b62-87cf-cc41dd4344rf.

You plan to assign a role-based access control (RBAC) role to Appl.

You need to locate App1 in the Azure Stack Hub user portal by using the search feature.

Which prefix should you use?

- A. AzureStackHub-app1
- B. AxuraStack-appl
- C. 2bbe67d8-3fdb-4b62-87cf-cc41dd4344ff
- **D.** app1

# **ANSWER: A**

# **Explanation:**

Under Select, search for your app using a full or partial Application Name. During registration, the Application Name is generated as Azurestack--. For example, if you used an application name of App2, and ClientId 2bbe67d8-3fdb-4b62-87cf-cc41dd4344ff was assigned during creation, the full name would be Azurestack-App2-2bbe67d8-3fdb-4b62-87cf-cc41dd4344ff. You can search for either the exact string, or a portion, like Azurestack or Azurestack-App2.

Note: An Application ID, sometimes referred to as a Client ID. A GUID that uniquely identifies the app's registration in your Active Directory tenant.

Reference: https://learn.microsoft.com/en-us/azure-stack/operator/give-app-access-to-resources

# **QUESTION NO: 4**

You have a disconnected Azure Stack Hub integrated system.

You deploy an Operator Access Workstation (OAW) virtual machine image.

Which management tool should be installed manually on the image?

- A. AzureStack-Tools
- B. Azure Storage Explorer
- C. Windows Admin Center
- **D.** AzCopy



**ANSWER: C** 

#### **Explanation:**

Windows Admin Center is a new, locally-deployed, browser-based management tool set that lets you manage your Windows Servers with no Azure or cloud dependency. Windows Admin Center gives you full control over all aspects of your server infrastructure and is particularly useful for managing servers on private networks that are not connected to the Internet.

#### Reference:

https://learn.microsoft.com/en-us/azure-stack/operator/operator-access-workstation

# **QUESTION NO: 5 - (HOTSPOT)**

You plan to deploy two Azure Stack Hub integrated systems named AZStack1 and AZStack2.

AZStack1 must meet the following requirements:

AZStack2 must meet the following requirements:

Which identity provider and licensing model should you use for each integrated system? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



#### **ANSWER:**





# **Explanation:**



#### Reference:

https://docs.microsoft.com/en-us/azure-stack/operator/azure-stack-connected-deployment?view=azs-2008

# **QUESTION NO: 6**

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 plan to install an update to an Azure Stack Hub integrated system.

You need to verify whether the integrated system is healthy, and whether you can apply the update. You must achieve the goal as quickly as possible.



| Solution: From the administrator management endpoint, you run  |
|--|
| Test-AzureStack –Group "UpdateReadiness".  |
| Does this meet the goal?   |
| A. Yes   |
| B. No  |
|  |
| ANSWER: B  |
| Explanation:   |
| Reference:   |
| https://docs.microsoft.com/en-us/azure-stack/operator/azure-stack-diagnostic-test?view=azs-2008          |
|  |
| QUESTION NO: 7   |
| You have an Azure Stack Hub integrated system.   |
| You perform infrastructure backups twice daily.  |
| User workloads are protected by using Azure Site Recovery.   |
| The architect of the user workloads is planning a business continuity disaster recovery (BCDR) strategy. |
| You need to recommend to the architect which resources to include in the BCDR strategy.                  |
| Which two resources should you recommend? Each correct answer presents part of the solution.             |
| NOTE: Each correct selection is worth one point.   |
| A. Azure Key Vault secrets   |
| <b>B.</b> plans, quotas, and offers  |
| C. role-based access control (RBAC) permissions and roles  |
| D. user subscriptions  |
| E. Azure Resource Manager templates for resources used by Azure Stack Hub virtual machines               |
| F. Azure Site Recovery workloads   |
| ANCWED. F.F.   |
| ANSWER: E F  |
| Explanation:   |
| Reference:   |
| https://docs.microsoft.com/en-us/azure/architecture/hybrid/azure-stack-vm-dr                             |
|  |



# **QUESTION NO: 8 - (DRAG DROP)**

# DRAG DROP

You have an Azure Stack Hub integrated system that is disconnected from the internet.

A new Microsoft update package is released.

You need to apply the update.

Which five 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.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

#### **Select and Place:**

| Answer Area           |
|-----------------------|
|                       |
|                       |
|                       |
|                       |
| $\widecheck{\otimes}$ |
|                       |
|                       |
|                       |
|                       |

# Actions

Grant the service administrator owner access to the blob container.

From the administrator portal, upload the metadata XML file to the blob container.

Extract the contents of the update package.

From the user portal, upload the ZIP package to the blob container.

Apply the update.

Download the update package.

From the administrator portal, upload the ZIP package to the blob container.

Download the Azure Stack Hub Updates downloader tool.

# Explanation:

Reference:

https://docs.microsoft.com/en-us/azure-stack/operator/azure-stack-update-prepare-package? view=azs-2008

# **QUESTION NO: 9 - (HOTSPOT)**

# **HOTSPOT**

You plan to deploy two Azure Stack Hub integrated systems named AZStack1 and AZStack2.

AZStack1 must meet the following requirements:

- Connect to the Internet.
- Have minimal capital expenditures.
- Use the minimum number of on-premises servers for identity.
- Have no existing licenses for Windows virtual machines deployed.

# Answer Area

Download the Azure Stack Hub Updates downloader tool.

Download the update package.

From the administrator portal, upload the ZIP package to the blob container.

From the administrator portal, upload the metadata XML file to the blob container.

Apply the update.





AZStack2 must meet the following requirements:

- Be disconnected from the Internet.
- Use the minimum number of on-premises servers for identity.
- Support the syndication of Azure Stack Hub Marketplace items.

Which identity provider and licensing model should you use for each integrated system? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

#### Hot Area:

# **Answer Area**



# **ANSWER:**



# **Answer Area**



# **Explanation:**

Reference: https://docs.microsoft.com/en-us/azure-stack/operator/azure-stack-connected-deployment?view=azs-2008

# **QUESTION NO: 10**

You have an Azure Stack Hub integrated system that connects to the Internet.

You are migrating several Hyper-V workloads to Azure Stack Hub. Billing for the workloads is consumption-based.

You need to predict the ongoing Microsoft subscription charges for the workloads.

You run an Azure Migrate assessment and receive the output shown in the following table.



| Server name            | Cores | Memory<br>(in MB) | OS name                                      | Disk<br>1 size<br>(In<br>GB) | Network<br>throughput<br>(MB per<br>second) | Disk 1 read<br>ops<br>(operations<br>per second) | Disk 1 write<br>ops<br>(operations<br>per second) |
|------------------------|-------|-------------------|--|------------------------------|---|--|---|
| VM001.corp.contoso.com | 4     | 4096              | Windows<br>Server 2016<br>(64-bit)           | 128                          | 10  | 200  | 299   |
| VM002.corp.contoso.com | 4     | 4096              | Windows<br>Server 2016<br>(64-bit)           | 128                          | 15  | 200  | 299   |
| VM003.corp.contoso.com | 4     | 4096              | Windows<br>Server 2016<br>(64-bit)           | 128                          | 130   | 200  | 299   |
| VM004.corp.contoso.com | 4     | 4096              | Windows<br>Server 2016<br>(64-bit)           | 128                          | 120   | 200  | 299   |
| VM005.corp.contoso.com | 4     | 4096              | Windows<br>Server 2016<br>(64-bit)           | 128                          | 4   | 200  | 299   |
| VM006.corp.contoso.com | 4     | 4096              | Windows<br>Server 2016<br>(64-bit)           | 128                          | 12  | 200  | 299   |
| VM007.corp.contoso.com | 4     | 4096              | Windows<br>Server 2016<br>(64-bit)           | 128                          | 129   | 200  | 299   |
| VM008.corp.contoso.com | 4     | 4096              | Windows<br>Server 2016<br>(64-bit)           | 128                          | 300   | 200  | 299   |
| VM009.corp.contoso.com | 4     | 4096              | Red Hat<br>Enterprise<br>Linux<br>(RHEL) 7.1 | 128                          | 8   | 200  | 299   |
| VM010.corp.contoso.com | 4     | 4096              | Oracle<br>Linux 7                            | 128                          | 100   | 200  | 299   |

The values from which three columns affect the ongoing Microsoft subscription charges? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Disk 1 size (In GB)
- **B.** Network throughput (MB per second)
- C. Cores
- D. Memory (In MB)
- **E.** Disk 1 read ops (operations per second)
- **F.** Disk 1 write ops (operations per second)
- G. OS name



ANSWER: A C D

**Explanation:** 

Reference: https://docs.microsoft.com/en-us/azure-stack/operator/azure-stack-usage-related-faq?view=azs-2008