



AZ-600

Configuring and Operating
a Hybrid Cloud with
Microsoft Azure Stack Hub



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Exam AZ-600

Configuring and Operating a Hybrid Cloud with Microsoft Azure Stack Hub

Version: 12.0

[Total Questions: 176]

Topic break down

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Topic 1, Litware Office

Case study

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Overview

Existing Environment

Network Environment

The Litware offices and the Fabrikam office connect by using a private circuit. Each office connects directly to the Internet.

Identity Environment

The Litware network contains an Active Directory forest named litwareinc.com. The forest and an Azure Active Directory (Azure AD) tenant named litwareinc.com are integrated by using Active Directory Federation Services (AD FS). Litware has an enterprise certification authority (CA).

The Azure subscriptions of Litware are associated to the litwareic.com Azure AD tenant.

Fabrikam also has an Azure AD tenant.

Azure Stack Hub Environment

Litware has the following two Azure Stack Hub integrated systems:

- ✍ A fully operational integrated system in Boston that connects to the Internet and has the following configurations:
 - Is managed by using an administrator management endpoint of: <https://adminportal.eastus.litwareinc.com>
 - Has an Azure App Service deployment that has two dedicated, large web workers
 - Currently uses version 2005 of Azure Stack Hub
- ✍ A newly delivered integrated system in Chicago that is disconnected from the Internet and will be managed by using an administrator management endpoint of: <https://adminportal.northcentralus.litwareinc.com>

Datacenter Environment

The Chicago datacenter of Litware contains the infrastructure shown in the following table.

Host	Operating system	Configuration
CLIENT1	Windows 10	Can connect to the Internet and CLIENT2
CLIENT2	Windows 10	Can connect to Azure Stack Hub and CLIENT1
ADFS1, ADFS2	Windows Server 2019	An AD FS farm that is accessible via https://adfs.northcentralus.litwareinc.com

Current Problems

During heavy usage, requests to App Service in Boston fail despite low utilization of the web workers.

Requirements

Planned Changes

Litware plans to implement the following changes:

- ✍ Deploy an Event Hubs resource provider to the integrated system in Boston.
- ✍ Make Azure Functions available to Azure Stack Hub users in Boston.
- ✍ Prepare the integrated system in Chicago to be production-ready.

Technical Requirements

Litware identifies the following technical requirements:

- ✍ Implement an infrastructure to support Azure Functions on the integrated system in Boston.
- ✍ Provision the certificates required to deploy the Event Hubs resource provider to the integrated system in Boston.
- ✍ Configure an identity provider for the integrated system in Chicago.

- ✍ Locate the IP address of the privileged endpoint (PEP) of the integrated system in Chicago.
- ✍ Ensure that only operators have control over the creation of subscriptions on the integrated system in Chicago.
- ✍ Provision a certificate to provide access to the Azure Resource Manager endpoint of the integrated system in Chicago.
- ✍ Identify which PowerShell setting on CLIENT1 and CLIENT2 must be modified to register the integrated system in Chicago.
- ✍ Implement a management app that will use Azure Resource Manager to inventory the resources of the integrated system in Chicago.

Security and Compliance Requirements

Litware has the following security and compliance requirements:

- ✍ All infrastructure software must run the latest version, including hotfixes.
- ✍ Litware must have control over certificate revocations.

Business Requirements

Litware wants to ensure that the users at Fabrikam have secure access to the workloads on the integrated system in Boston.

Updates and Hotfixes

The current hotfixes and updates available for Azure Stack Hub are:

- ✍ 2005
- ✍ 2005 hotfix 1
- ✍ 2005 hotfix 2
- ✍ 2005 hotfix 3
- ✍ 2008
- ✍ 2008 hotfix 1
- ✍ 2008 hotfix 2
- ✍ 2011 (latest version)

Question No : 1 HOTSPOT - (Topic 1)

You need to identify the procedure for creating the subscriptions on the integrated system in Chicago. The solution must meet the technical requirements.

What should you include in the solution? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Configure an offer that has a state of:

	▼
Decommissioned	
Private	
Public	

Create the subscriptions by using https://:

	▼
adfs	
adminportal	
portal	

Answer:

Configure an offer that has a state of:

	▼
Decommissioned	
Private	
Public	

Create the subscriptions by using https://:

	▼
adfs	
adminportal	
portal	

Explanation:

Configure an offer that has a state of:

	▼
Decommissioned	
Private	
Public	

Create the subscriptions by using https://:

	▼
adfs	
adminportal	
portal	

Graphical user

interface, text, application

Description automatically generated

Question No : 2 - (Topic 1)

You need to identify the PEP information for the integrated system in Chicago. The solution must meet the technical requirements.

What should you use?

- A. the HLH configuration file
- B. the Get-AzsRegistrationToken cmdlet
- C. Properties on the Region management blade of the administrator portal
- D. the Help + support blade of the administrator portal

Answer: C

Reference:

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

Question No : 3 HOTSPOT - (Topic 1)

You need to identify the certificate for the integrated system in Chicago. The solution must meet the technical requirements.

What should you identify? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Certificate issuer:

Enterprise CA
Public CA
Self-signed

Certificate subject name:

adminmanagement.northcentralus.litwareinc.com
adminportal.northcentralus.litwareinc.com
management.northcentralus.litwareinc.com

Answer:

Certificate issuer:

Enterprise CA
Public CA
Self-signed

Certificate subject name:

adminmanagement.northcentralus.litwareinc.com
adminportal.northcentralus.litwareinc.com
management.northcentralus.litwareinc.com

Certificate issuer:

Enterprise CA
Public CA
Self-signed

Certificate subject name:

adminmanagement.northcentralus.litwareinc.com
adminportal.northcentralus.litwareinc.com
management.northcentralus.litwareinc.com

Explanation:

When deploying Azure Stack Hub in disconnected mode it is recommended to use certificates issued by an enterprise certificate authority. This is important because clients accessing Azure Stack Hub endpoints must be able to contact the certificate revocation list (CRL).

Question No : 4 HOTSPOT - (Topic 1)

You need to implement the App Service infrastructure to address the current issues and

support the planned changes for Azure Functions in Boston.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

To implement the planned changes, deploy:

	▼
Web worker – dedicated instances – medium	
Web worker – dedicated instances – small	
Web worker – shared instances	

To address the current issues, scale out the following App Service role:

	▼
Controller	
Front End	
Worker	

Answer:

To implement the planned changes, deploy:

	▼
Web worker – dedicated instances – medium	
Web worker – dedicated instances – small	
Web worker – shared instances	

To address the current issues, scale out the following App Service role:

	▼
Controller	
Front End	
Worker	

Explanation:

To implement the planned changes, deploy:

	▼
Web worker – dedicated instances – medium	
Web worker – dedicated instances – small	
Web worker – shared instances	

To address the current issues, scale out the following App Service role:

	▼
Controller	
Front End	
Worker	

Table

Description automatically generated

Question No : 5 HOTSPOT - (Topic 1)

You need to identify the authentication and authorization process for the integrated system in Chicago. The solution must meet the technical requirements.

What should you include in the solution? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

To configure authentication, create:

<input type="checkbox"/>	An AD FS claims provider trust
<input type="checkbox"/>	An AD FS relying party trust
<input type="checkbox"/>	An Azure AD service principal

To configure authorization, use:

<input type="checkbox"/>	An Active Directory user account that has read access to Active Directory
<input type="checkbox"/>	An Azure AD service principal that has read access to Azure AD
<input type="checkbox"/>	An Azure AD user account that has read access to Azure AD

Answer:

To configure authentication, create:

<input type="checkbox"/>	An AD FS claims provider trust
<input checked="" type="checkbox"/>	An AD FS relying party trust
<input type="checkbox"/>	An Azure AD service principal

To configure authorization, use:

<input checked="" type="checkbox"/>	An Active Directory user account that has read access to Active Directory
<input checked="" type="checkbox"/>	An Azure AD service principal that has read access to Azure AD
<input type="checkbox"/>	An Azure AD user account that has read access to Azure AD

Explanation:

To configure authentication, create:

<input type="checkbox"/>	An AD FS claims provider trust
<input checked="" type="checkbox"/>	An AD FS relying party trust
<input type="checkbox"/>	An Azure AD service principal

To configure authorization, use:

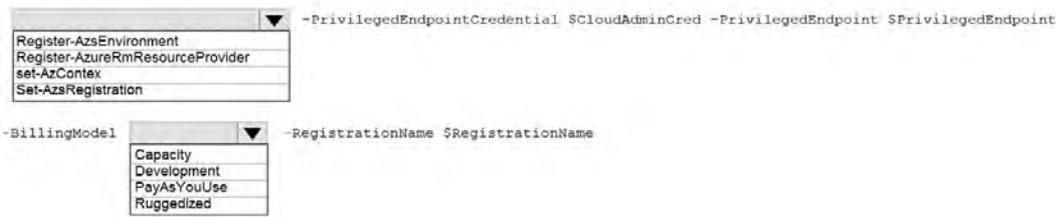
<input checked="" type="checkbox"/>	An Active Directory user account that has read access to Active Directory
<input checked="" type="checkbox"/>	An Azure AD service principal that has read access to Azure AD
<input type="checkbox"/>	An Azure AD user account that has read access to Azure AD

Question No : 6 HOTSPOT - (Topic 1)

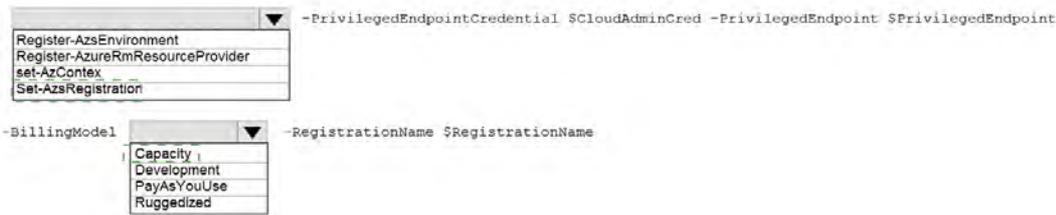
You need to register the northcentralus region.

How should you complete the command? To answer, select the appropriate options in the answer area.

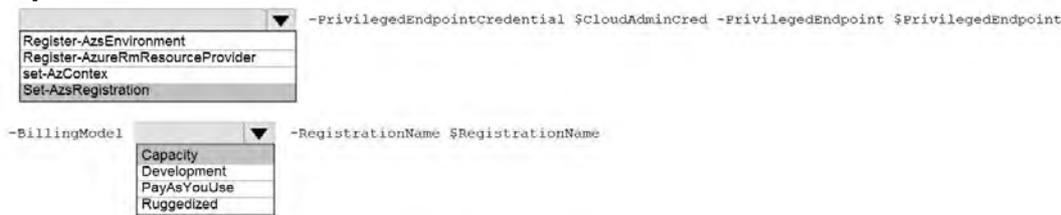
NOTE: Each correct selection is worth one point.



Answer:



Explanation:



Question No : 7 - (Topic 1)

You need to implement the management app. The solution must meet the technical requirements.

What should you use?

- A. a PowerShell session to litwareinc.com
- B. a browser session to litwareinc.com
- C. a PowerShell remoting session to the PEP
- D. a browser session to the administrator portal

Answer: D

Reference:

<https://docs.microsoft.com/en-us/azure-stack/operator/azure-stack-manage->

portals?view=azs-2008

Topic 2, Northwind Traders

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Overview

A company named Northwind Traders has a main office and a datacenter. All development occurs at the main office.

Existing Environment

Identity Environment

The network contains an Active Directory forest named northwind.com. The forest and an Azure Active Directory (Azure AD) tenant named northwind.onmicrosoft.com are integrated by using Active Directory Federation Service (AD FS).

All Azure subscriptions use the northwind.onmicrosoft.com Azure AD tenant.

Northwind Traders uses an Enterprise Agreement (EA) subscription.

All operators are global administrators in northwind.onmicrosoft.com.

Azure Stack Hub Environment

Northwind Traders has the following five Azure Stack Hub integrated systems:

✍ One integrated system that connects to an internet-facing network and has the following configurations:

- The region name is int1.
- The operators do not have access to the user subscriptions.
- The integrated system is used for customer and partner applications.
- The partners and customers of NorthWind Traders use guest user accounts to access various user resources.

✍ Two integrated systems that connect to a private network, are accessed only from inside the company, and have the following configurations:

- The integrated systems are dedicated to research and development.
- One integrated system has a region name of priv1, and the other has a region name of priv2.
- The integrated systems are used for various data rendering, AI workloads, inference, and data visualization.

✍ Two integrated systems that are dedicated to application development and have the following configurations:

- The integrated systems are disconnected from the Internet. The workloads in the user subscriptions have Internet access.
- One integrated system has a region name of dev1, and the other has a region name of dev2.
- Both regions are used only by developers at Northwind Traders.

The external domain name of all the integrated systems is northwind.com. All the integrated systems have Azure App Service and the Azure Kubernetes Service (AKS) engine deployed.

The computer of the operator in each region has all the prerequisite software installed for managing Azure Stack Hub.

Current Problems

You identify the following issues in the current environment:

- ✍* The priv2 region recently experienced a catastrophic failure.
- ✍* The developers report high chargeback costs for the dev1 region.
- ✍* The int1 region runs a high number of Windows virtual machines that use pay-as-you-use images.
- ✍* The Northwind Traders partners and customers report that use of the guest user accounts is too complex.

- ✍ Users in the priv1 region recently deployed NCas_v4 virtual machines for various AI workload. The users discover that the virtual machines do not use GPUs.

Requirements

Planned Changes

Northwind Traders plans to implement the following changes:

- ✍ Remove all guest user accounts.
- ✍ Change the DNS forwarder of the priv1 region.
- ✍ Change the billing model and registration name of the int1 region.
- ✍ After the catastrophic failure, restore the priv2 region to its original state.
- ✍ Provide each partner with its own dedicated user subscription that will use its own dedicated Azure AD tenant.

Technical Requirements

Northwind Traders identifies the following technical requirements:

- ✍ Minimize hardware and software costs.
- ✍ Standardize all datacenter workloads on Azure Stack Hub.
- ✍ In the priv1 region, implement a disaster recovery plan for App Service.
- ✍ Whenever possible, implement solutions by using the minimum amount of administrative effort.
- ✍ In the dev2 region, update the AKS Base Ubuntu image to the latest version in Azure Stack Hub Marketplace.
- ✍ Whenever possible, implement solutions by using built-in tools, features, and services without acquiring additional third-party tools.
- ✍ For the users' virtual machines and the associated resources in the dev1 and dev2 regions, implement a business continuity and disaster recovery plan that includes an automated failback process.
- ✍ If changes to the Azure Stack Hub infrastructure cause workload downtime outside of planned maintenance windows, notify all users in the region where the downtime occurred and schedule a maintenance window.

Question No : 8 - (Topic 2)

You need to recommend a business continuity and disaster recovery plan for the dev1 and dev2 regions that meets the technical requirements.

Which two recommendations should you make? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Implement the Infrastructure Backup Service
- B. Use an Azure Marketplace backup tool in each region to protect the virtual machines that run in the other region
- C. Implement Azure Site Recovery
- D. Use Infrastructure as Code (IaC) by using Azure Resource Manager templates

Answer: B,D

Question No : 9 - (Topic 2)

You need to implement disaster recovery for the priv1 region to meet the technical requirements.

Which main components should you include in the disaster recovery plan?

- A.
 - The resource provider infrastructure
 - The App Service metering databases
 - The App Service hosting databases
 - The App Service file share
 - The App Service secrets
- B.
 - The App Service metering databases
 - The App Service hosting databases
 - The default domain certificate
 - The CloudAdmin credentials
 - The infrastructure backup
- C.
 - The resource provider infrastructure
 - The App Service hosting databases
 - The CloudAdmin credentials
 - The App Service file share
 - The infrastructure backup
- D.
 - The App Service metering databases
 - The App Service hosting databases
 - The worker role virtual machine
 - The infrastructure backup
 - The App Service secrets

- A. Option A
- B. Option B
- C. Option C

D. Option D

Answer: A

Question No : 10 - (Topic 2)

You remove all the workloads from the int1 region and change the registration model to capacity.

You prepare additional Azure AD tenants for each partner.

You need to configure multitenancy.

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

NOTE: Each correct selection is worth one point.

- A.** Run the Register-AzSWithMyDirectoryTenant cmdlet and specify `https://management.int1.northwind.com` as the endpoint.
- B.** Run the Register-AzSGuestDirectoryTenant cmdlet and specify `https://management.int1.northwind.com` as the endpoint.
- C.** Run the Register-AzSGuestDirectoryTenant cmdlet and specify `https://adminmanagement.int1.northwind.com` as the endpoint.
- D.** Change the registration model to pay-as-you-use.
- E.** Run the Register-AzSWithMyDirectoryTenant cmdlet and specify `https://adminmanagement.int1.northwind.com` as the endpoint.

Answer: A,C

Reference:

<https://docs.microsoft.com/en-us/azure-stack/operator/azure-stack-enable-multitenancy?view=azs-2008>

Question No : 11 HOTSPOT - (Topic 2)

You are troubleshooting the chargeback issues of the dev1 region.

You need to query the usage for each tenant subscription.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Connect to the:

Administrator management endpoint
Azure subscription
User management endpoint

Retrieve the usage by using:

Azure Cost Management
The Get-AzsSubscriberUsage cmdlet
The Get-UsageAggregates cmdlet

Answer:

Connect to the:

Administrator management endpoint
Azure subscription
User management endpoint

Retrieve the usage by using:

Azure Cost Management
The Get-AzsSubscriberUsage cmdlet
The Get-UsageAggregates cmdlet

Explanation:

Answer Area

Connect to the: Administrator management endpoint

Retrieve the usage by using: The Get-AzsSubscriberUsage cmdlet

Box 1: Administrator management endpoint

Note: The developers report high chargeback costs for the dev1 region.

Two integrated systems that are dedicated to application development and have the following configurations:

- ✍ The integrated systems are disconnected from the Internet. The workloads in the user subscriptions have Internet access.
- ✍ One integrated system has a region name of dev1, and the other has a region name of dev2.
- ✍ Both regions are used only by developers at Northwind Traders.

The request gets consumption details for the requested subscriptions and for the requested time frame. There is no request body.

This usage API is a provider API, so the caller must be assigned an Owner, Contributor, or Reader role in the provider's subscription.

Method, Request URI

GET

`https://{armendpoint}/subscriptions/{subId}/providers/Microsoft.Commerce.Admin/subscribeUsageAggregates?reportedStartTime={reportedStartTime}&reportedEndTime={reportedEndTime}&aggregationGranularity={granularity}&subscriberId={sub1.1}&api-version=2015-06-01-preview&continua`

Arguments

* armendpoint

Azure Resource Manager endpoint of your Azure Stack Hub environment. The Azure Stack Hub convention is that the name of the Azure Resource Manager endpoint is in the format `https://adminmanagement.{domain-name}`. For example, for the Azure Stack Development Kit (ASDK), if the domain name is `local.azurestack.external`, then the Resource Manager endpoint is `https://adminmanagement.local.azurestack.external`.

* subId

Subscription ID of the user who makes the call.

* Etc.

Box 2: Get-AzsSubscriberUsage

Retrieve usage information

PowerShell

To generate the usage data, you should have resources that are running and actively using the system; for example, an active virtual machine (VM), or a storage account containing some data. If you're not sure whether you have any resources running in the Azure Stack Hub Marketplace, deploy a VM, and verify the VM monitoring blade to make sure it's running. Use the following PowerShell cmdlets to view the usage data:

✍ Install PowerShell for Azure Stack Hub.

✍ Configure the Azure Stack Hub user or the Azure Stack Hub operator PowerShell environment.

✍ To retrieve the usage data, call the Get-AzsSubscriberUsage PowerShell cmdlet:

```
Get-AzsSubscriberUsage -ReportedStartTime "2017-09-06T00:00:00Z"
```

Question No : 12 - (Topic 2)

You need to change the DNS forwarder of the priv1 region.

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 Register-CustomDnsServer cmdlet
- B. Run the Add-DnsServerForwarder cmdlet
- C. Run the Set-AzsDnsForwarder cmdlet
- D. Connect to the administrator management endpoint of the priv1 region
- E. Connect to privileged endpoint (PEP) of the priv1 region

Answer: C,E

Reference:

<https://docs.microsoft.com/en-us/azure-stack/operator/azure-stack-configure-dns?view=azs-2008>

Question No : 13 DRAG DROP - (Topic 2)

You need to change the int1 region to use the capacity model. The solution must meet the technical requirements.

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.

Actions	Answer Area
Run the Get-AzsRegistrationToken cmdlet.	
Run the Remove-AzsRegistration cmdlet.	
Notify all the users in the int1 region and schedule a maintenance window.	
Select the subscription that was used to perform the initial registration.	
Run the Set-AzsRegistration cmdlet.	

Answer:

Actions	Answer Area
Run the Get-AzsRegistrationToken cmdlet.	Notify all the users in the int1 region and schedule a maintenance window.
Run the Remove-AzsRegistration cmdlet.	Select the subscription that was used to perform the initial registration.
Notify all the users in the int1 region and schedule a maintenance window.	Run the Set-AzsRegistration cmdlet.
Select the subscription that was used to perform the initial registration.	
Run the Set-AzsRegistration cmdlet.	

Explanation:

Actions	Answer Area
Run the Get-AzsRegistrationToken cmdlet.	1 Notify all the users in the int1 region and schedule a maintenance window.
Run the Remove-AzsRegistration cmdlet.	2 Select the subscription that was used to perform the initial registration.
	3 Run the Set-AzsRegistration cmdlet.

Question No : 14 DRAG DROP - (Topic 2)

You schedule a planned maintenance window.

You need to perform an Azure Stack Hub update in the dev1 region. The solution must meet the technical requirements.

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.

Actions

Answer Area

Complete the activities identified in the Azure Stack Hub update activity checklist.

From the administrator portal, start the update process

From a privileged endpoint (PEP) session, run the `Stop-AzureStack` and `Start-AzureStack` cmdlets.

Download the required package and import the package to the respective storage account in the dev1 region.

Notify the users of the planned maintenance.



Answer:

Actions

Answer Area

Complete the activities identified in the Azure Stack Hub update activity checklist.

From the administrator portal, start the update process

From a privileged endpoint (PEP) session, run the `Stop-AzureStack` and `Start-AzureStack` cmdlets.

Download the required package and import the package to the respective storage account in the dev1 region.

Notify the users of the planned maintenance.

Complete the activities identified in the Azure Stack Hub update activity checklist.

Download the required package and import the package to the respective storage account in the dev1 region.

From the administrator portal, start the update process



Explanation:

Complete the activities identified in the Azure Stack Hub update activity checklist.

Download the required package and import the package to the respective storage account in the dev1 region.

From the administrator portal, start the update process

Graphical user interface, text,

application, chat or text message

Description automatically generated

Question No : 15 DRAG DROP - (Topic 2)

You need to change the int1 region to use the capacity model. The solution must meet the technical requirements.

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.

Actions

Run the `Remove-AzsRegistration` cmdlet.

Notify all the users in the int1 region and schedule a maintenance window.

Run the `Get-AzsRegistrationToken` cmdlet.

Select the subscription that was used to perform the initial registration.

Run the `Set-AzsRegistration` cmdlet.

Answer area

Four empty rectangular boxes for the answer area, with navigation arrows (left, right, up, down) on the sides.

Answer:

Actions

Run the Remove-AzsRegistration cmdlet.

Notify all the users in the int1 region and schedule a maintenance window.

Run the Get-AzsRegistrationToken cmdlet.

Select the subscription that was used to perform the initial registration.

Run the Set-AzsRegistration cmdlet.

Answer area

Notify all the users in the int1 region and schedule a maintenance window.

Select the subscription that was used to perform the initial registration.



Run the Set-AzsRegistration cmdlet.



Explanation:

Step 1: Notify all the users in the int1 region and schedule a maintenance window.

Step 2: Select the subscription that was used to perform the initial registration.

Note: You need to change the int1 region to use the capacity model.

Change the billing model and registration name of the int1 region.

The int1 region runs a high number of Windows virtual machines that use pay-as-you-use images.

Change billing model, how features are offered, or re-register your instance

This section applies if you want to change the billing model, how features are offered, or you want to re-register your instance. For all of these cases, you call the registration function to set the new values. You don't need to first remove the current registration.

select the subscription used during the registration

Select-AzSubscription -Subscription '<Registration subscription ID from portal>'

rerun registration with new BillingModel (or same billing model in case of re-registration) but using other parameters values from portal

Set-AzsRegistration -PrivilegedEndpointCredential \$YourCloudAdminCredential -

PrivilegedEndpoint \$YourPrivilegedEndpoint -BillingModel '<New billing model>' -

RegistrationName '<Registration name from portal>' -ResourceGroupName '<Registration resource group from portal>'

Step 3: Run the Set-AzsRegistration cmdlet.

You can use Set-AzsRegistration to register Azure Stack Hub with Azure and enable or disable the offer of items in the marketplace and usage reporting.

To run the cmdlet, you need:

A global Azure subscription of any type.

To be signed in to Azure PowerShell with an account that's an owner or contributor to that subscription.

Question No : 16 - (Topic 2)

You need to resolve the performance issue reported by the users in the priv1 region.

What should you do?

- A. Redeploy the virtual machines to a new Azure Stack Hub node
- B. Install the NVIDIA drivers on the virtual machines
- C. Install the AMD drivers on the virtual machines
- D. Add an additional scale unit node

Answer: C

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-machines/windows/n-series-amd-driver-setup>

Question No : 17 - (Topic 2)

As part of the planned changes for the int1 region, you need to remove all the user subscriptions and the associated resources. The solution must meet the technical requirements.

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 Set-AzsuserSubscription cmdlet against to the administrator management endpoint.
- B. From the Azure portal, remove all the guest user accounts.
- C. From the administrator portal, delete all the user subscriptions.
- D. From the user portal delete all the resources in the user subscriptions.

Answer: B,C

Question No : 18 - (Topic 2)

The priv2 region is redeployed according to the planned changes.

You need to restore App Service.

Which three components should you restore? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. the App Service roles and services
- B. the file server share content
- C. the infrastructure backup
- D. the worker role virtual machine
- E. the App Service databases
- F. the default domain certificate

Answer: A,B,E

Reference:

<https://docs.microsoft.com/en-us/azure-stack/operator/app-service-recover?view=azs-2008>

Topic 3, Trey Research

Case study

This is a case study. **Case studies are not timed separately. You can use as much exam time as you would like to complete each case.** However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the **Next** button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking

these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an **All Information** tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the **Question** button to return to the question.

Overview

General overview

Trey Research is a pharmaceutical company that has an office in Boston.

Existing environment

Identity Environment

The on-premises network contains an Active Directory forest named treyresearch.net. The forest contains a user named User1.

The forest syncs to an Azure AD tenant named treyresearch.net by using Azure AD Connect.

Trey Research has an internal certification authority (CA).

Compute Environment

The datacenter in the Boston office contains a computer named CLIENT1 that runs Windows 10. CLIENT1 is an administrative workstation that connects directly to the Azure Stack Hub integrated system.

Planned changes and requirements

Planned changes

Trey Research identifies the following planned changes:

- ✎ Change the Azure Stack Hub integrated system registration to use an Azure subscription named Subscription3 that has a GUID of 12345678-1234-1234-1234-222222222222.
- ✎ Configure the integrated system to resolve external names by using a DNS Server that has an IP address of 10.100.100.100.
- ✎ Implement the App Service resource provider and the Event Hubs resource provider on the integrated system/
- ✎ Publish a custom cloud-init built image of a Linux virtual machine to Azure Stack Hub Marketplace on the integrated system.

- ✍ Create a new cloudadmin user named User2.
- ✍ Assign the delegated provider role to User1.

Azure Stack Hub Requirements

Trey Research identifies the following Azure Stack Hub requirements:

- ✍ Azure Stack Hub integrated system logs must be forwarded to an external security information and event management (SIEM) system named SIEM1. SIEM1 requires TCP with mutual authentication and TLS 1.2 encryption.
- ✍ A default Microsoft SQL Server instance will host the database of the App Service resource provider.
- ✍ The infrastructure of the integrated system must be backed up as frequently as possible.
- ✍ The integrated system backups must be retained for 28 days.

Business Requirements

Minimize software and licensing costs.

Question No : 19 - (Topic 3)

You need to configure name resolution to support the planned changes.

Which PowerShell cmdlet should you run?

- A. Sec-DnsServer
- B. Regiscer-CuscomDnsServer
- C. Set-AzSDnsForwarder
- D. Set-DNSClientServerAddress

Answer: B

Explanation:

Configure the integrated system to resolve external names by using a DNS Server that has an IP address of 10.100.100.100.

Resolving external DNS names from Azure Stack Hub

To resolve DNS names for endpoints outside Azure Stack Hub (for example: www.bing.com), you need to provide DNS servers that Azure Stack Hub can use to forward DNS requests for which Azure Stack Hub isn't authoritative. For deployment, DNS servers that Azure Stack Hub forwards requests to are required in the Deployment Worksheet (in the DNS Forwarder field). Provide at least two servers in this field for fault tolerance.

Without these values, Azure Stack Hub deployment fails. You can edit the DNS Forwarder values with the Set-AzSDnsForwarder cmdlet after deployment.

Configure conditional DNS forwarding

Important

This only applies to an AD FS deployment.

To enable name resolution with your existing DNS infrastructure, configure conditional forwarding.

To add a conditional forwarder, you must use the privileged endpoint.

For this procedure, use a computer in your datacenter network that can communicate with the privileged endpoint in Azure Stack Hub.

1. Open an elevated Windows PowerShell session (run as administrator), and connect to the IP address of the privileged endpoint. Use the credentials for CloudAdmin authentication.

```
$cred=Get-Credential
```

```
Enter-PSSession -ComputerName <IP Address of ERCS> -ConfigurationName  
PrivilegedEndpoint -Credential $cred
```

2. After you connect to the privileged endpoint, run the following PowerShell command. Substitute the sample values provided with your domain name and IP addresses of the DNS servers you want to use.

```
Register-CustomDnsServer -CustomDomainName "contoso.com" -Custom
```

Reference:

<https://learn.microsoft.com/en-us/azure-stack/operator/azure-stack-integrate-dns>

Question No : 20 DRAG DROP - (Topic 3)

You need to update the Azure Stack Hub integrated system registration to support the planned changes.

Which four 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.

Actions

Answer Area

Run `Get-AzsregistrstationToken`.

Run the `Register-AzsEnvironment` cmdlet and specify the `-RegistrationToken $Token` parameter.

Authenticate to Azure AD. Run the `Select-AzSubscription` cmdlet and specify the `-Subscription 12345678-1234-1234-1234-111111111111` parameter.

Run `Remove-AzsRegistration`.

Run the `Select-AzSubscription` cmdlet and specify the `-Subscription 12345678-1234-1234-1234-222222222222` parameter.

Run `Set-AzsRegistration`.



Answer: