

70-533 Sample Questions

Q101.

You manage an Azure Active Directory (AD) tenant

You plan to allow users to log in to a third-party application by using their Azure AD credentials.

To access the application, users will be prompted for their existing third-party user names and passwords.

You need to add the application to Azure AD.

Which type of application should you add?

- A Existing Single Sign-On with identity provisioning
- B Password Single Sign-On with identity provisioning
- C Existing Single Sign-On without identity provisioning
- D Password Single Sign-On without identity provisioning

A101.

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- A Existing Single Sign-On with identity provisioning
- B Password Single Sign-On with identity provisioning
- C Existing Single Sign-On without identity provisioning
- D Password Single Sign-On without identity provisioning

Answer: D

Explanation:

Configuring password-based single sign-on enables the users in your organization to be automatically signed in to a third-party SaaS application by Azure AD using the user account information from the third-party SaaS application. When you enable this feature, Azure AD collects and securely stores the user account information and the related password.

Q102.

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 sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You use Azure Resource Manager (ARM) templates to deploy resources.

You need to ensure that storage resources defined in templates cannot be deleted.

Solution: You define the following JSON in the template.

Does the solution meet the goal?

A Yes

B No

A102.

Does the solution meet the goal?

A Yes

B No

Answer: A

Explanation:

As an administrator, you may need to lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. You can set the lock level to CanNotDelete or ReadOnly.

CanNotDelete means authorized users can still read and modify a resource, but they can't delete the resource.

ReadOnly means authorized users can read a resource, but they can't delete or update the resource. Applying this lock is similar to restricting all authorized users to the permissions granted by the Reader role.

Q103.

You administer a Windows Server virtual machine (VM).

You upload the VM to Azure.

You need to ensure that you are able to deploy the BGInfo and VMAccess extensions.

What should you do?

- A Select the Install the VM Agent checkbox while provisioning a VM based on your uploaded VHD.
- B Select the Enable the VM Extensions checkbox while provisioning a VM based on your uploaded VHD.
- C Install the VM Agent MSI and execute the following PowerShell commands:
`$vm = Get-AzureVM -serviceName $svc -Name $name$vm.VM.ProvisionGuestAgent = $trueUpdate-AzureVM -Name Sname -VM $vm.VM -ServiceName $svc`
- D Install the VM Agent MSI and execute the following PowerShell commands:
`$vm = Get-AzureVM -serviceName $svc -Name $nameSet-AzureVMBGInfoExtension -VM $vm.VMSet-AzureVM Access Extension -VM $vm.VMUpdate-AzureVM -Name Sname -VM $vm.VM -ServiceName $svc`

A103.

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`$vm = Get-AzureVM -serviceName $svc -Name $name$vm.VM.ProvisionGuestAgent = $trueUpdate-AzureVM -Name Sname -VM $vm.VM -ServiceName $svc`
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`$vm = Get-AzureVM -serviceName $svc -Name $nameSet-AzureVMBGInfoExtension -VM $vm.VMSet-AzureVM Access Extension -VM $vm.VMUpdate-AzureVM -Name Sname -VM $vm.VM -ServiceName $svc`

Answer: C

Explanation:

You are uploading a VM to Azure (not provisioning a VM from Azure – so therefore needs the VM Agent MSI)

Is VM Agent installed?

```
$x = Get-AzureVM -ServiceName $vmName  
$x.vm.ProvisionGuestAgent
```

If 'False' –

- Install standalone VM Agent
- Inform the Azure platform that the VM now has the agent installed

```
$vm = Get-AzureVM -serviceName $svc -Name $name $vm.VM.ProvisionGuestAgent = $TRUE Update-AzureVM -Name $name -VM $vm.VM -ServiceName $svc
```

Q104.

You are the administrator for your company's Azure environment.

A developer creates an application that needs to access resources in external systems. The application will be deployed in the domain.

You need to use the Azure Command-Line Interface (CLI) to create a service principal.

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

NOTE: Each correct selection is worth one point.

Command segment	Value
Service Principal	<input type="checkbox"/> unvalidated URI <input type="checkbox"/> network path <input type="checkbox"/> file path
Service Principal permissions	<input type="checkbox"/> Reader <input type="checkbox"/> Contributor <input type="checkbox"/> Owner <input type="checkbox"/> User Access Administrator <input type="checkbox"/> Website Contributor

A104.

Command segment	Value
Service Principal	<input type="checkbox"/> unvalidated URI <input checked="" type="checkbox"/> network path <input type="checkbox"/> file path
Service Principal permissions	<input type="checkbox"/> Reader <input type="checkbox"/> Contributor <input checked="" type="checkbox"/> Owner <input type="checkbox"/> User Access Administrator <input type="checkbox"/> Website Contributor

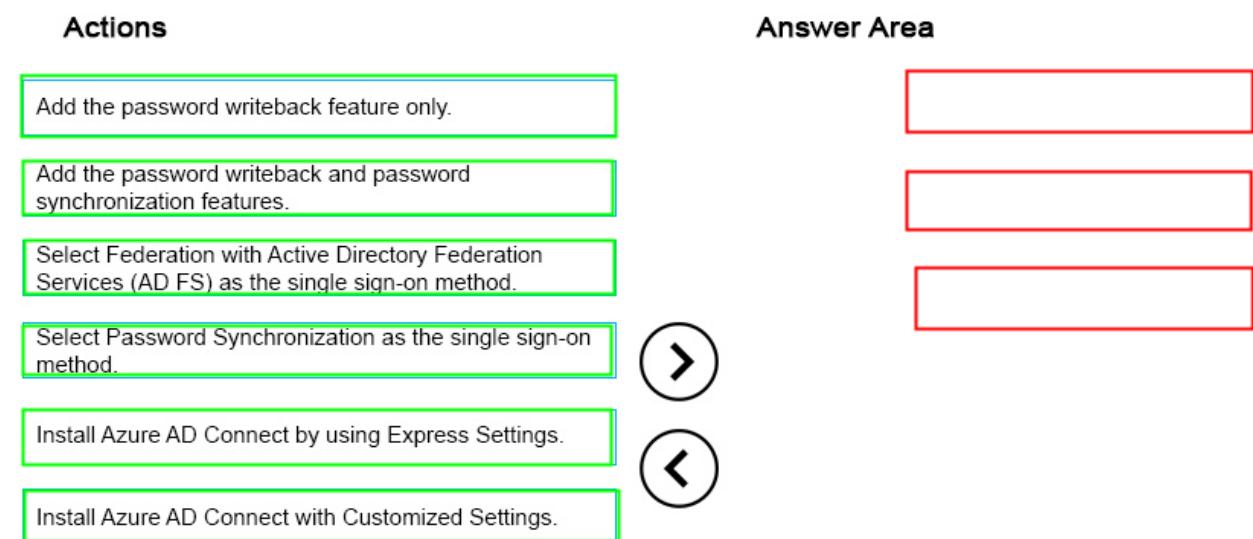
Q105.

Fourth Coffee has an on-premises, multiple-forest Active Directory (AD) domain. The company hosts web applications and mobile application services. Fourth Coffee uses Microsoft Office 365 and uses Azure Active Directory (Azure AD).

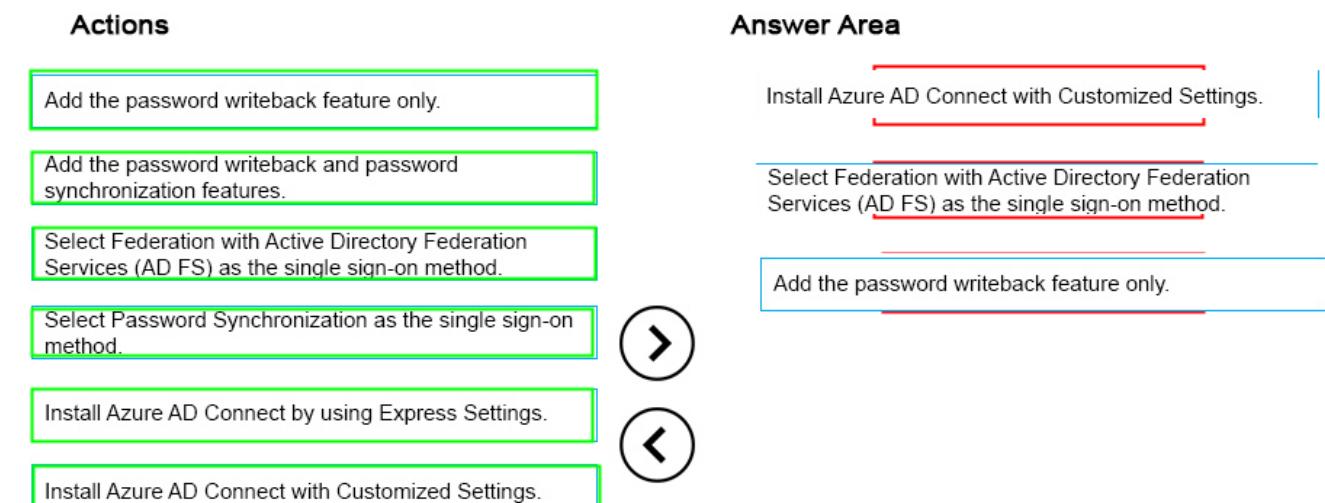
You have the following requirements:

- The on-premises Active Directory and Azure AD need to be connected to provide a single sign-on experience for users.
- Users must be directed to your on-premises AD to login when they authenticate with cloud services.
- Password changes that originate with Azure AD must be written back to your on-premises directory.

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.



A105.



Q106.

You administer an Azure SQL database named contosodb that is running in Standard/S1 tier. The database is in a server named server1 that is a production environment. You also administer a database server named server2 that is a test environment. Both database servers are in the same subscription and the same region but are on different physical clusters.

You need to copy contosodb to the test environment.

Which three steps 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.

Action	Answer Area
Use DB copy to create a copy of contosodb in server2 named contosodb.	
Set Export Status to Automatic for contosodb in server1.	
Use DB copy to create a copy of contosodb in server1 named contosodbttmp.	
Scale contosodb in server2 to Standard/S1.	
Import the BACPAC file to server2 as contosodb.	
Export contosodbttmp in server1 to a BACPAC file in Azure Blob storage.	
Rename contosodbttmp to contosodb in server1.	
Use Active Geo-Replication and replicate contosodb to server2.	

A106.

Action	Answer Area
Use DB copy to create a copy of contosodb in server2 named contosodb.	Use DB copy to create a copy of contosodb in server1 named contosodbttmp.
Set Export Status to Automatic for contosodb in server1.	
Use DB copy to create a copy of contosodb in server1 named contosodbttmp.	Export contosodbttmp in server1 to a BACPAC file in Azure Blob storage.
Scale contosodb in server2 to Standard/S1.	
Import the BACPAC file to server2 as contosodb.	Import the BACPAC file to server2 as contosodb.
Export contosodbttmp in server1 to a BACPAC file in Azure Blob storage.	
Rename contosodbttmp to contosodb in server1.	
Use Active Geo-Replication and replicate contosodb to server2.	

Q107.

You manage a cloud service that has a web application named WebRole1. WebRole1 writes error messages to the Windows Event Log.

Users report receiving an error page with the following message: "Event 26 has occurred. Contact your system administrator."

You need to access the WebRole1 event log.

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

- A Enable verbose monitoring.
- B Update the WebRole1 web.config file.
- C Update the cloud service definition file and the service configuration file.
- D Run the **Set-AzureVMDiagnosticsExtension** PowerShell cmdlet.
- E Run the **Enable-AzureWebsiteApplicationDiagnostic** PowerShell cmdlet.
- F Create a storage account.

A107.

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

- A Enable verbose monitoring.
- B Update the WebRole1 web.config file.
- C Update the cloud service definition file and the service configuration file.
- D Run the **Set-AzureVMDiagnosticsExtension** PowerShell cmdlet.
- E Run the **Enable-AzureWebsiteApplicationDiagnostic** PowerShell cmdlet.
- F Create a storage account.

Answer: A, C, F

Explanation:

step 1 specify the scheduled TransferLogLevelFilter to Verbose in the diagnostics.wadcfg
step 2 Update the cloud service definition file and the service configuration file (.cspkg)
step 3 best practice is to create a separate storage account for logging diagnostics data

Q108.

You have an Azure Subscription.

You have an on-premises site that contains a server named Server1. Server1 runs Windows Server 2012 R2 and has computer digital certificate named Cert1.

You need to ensure that you can back up Server1 to Azure.

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

- Upload Cert1 as a management certificate.
- Download, install, and configure the Azure Backup Agent.
- Create a storage account.
- Create a backup vault.
- Download the vault credentials.
- Obtain the primary access key for the storage account.

Answer Area





A108.

Actions

- Upload Cert1 as a management certificate.
- Download, install, and configure the Azure Backup Agent.
- Create a storage account.
- Create a backup vault.
- Download the vault credentials.
- Obtain the primary access key for the storage account.

Answer Area

Create a backup vault.

- | | |
|--|--|
| | Download the vault credentials. |
| | Download, install, and configure the Azure Backup Agent. |



Q109.

A company uses Azure to host virtual machines (VMs) and web apps.

You plan to delegate access using Role-Based Access Control (RBAC). Users must not have more permissions than necessary.

- Admin1 must not be able to manage resource access.
- Admin1 must be able to manage all other Azure components.
- Admin2 must be able to stop and restart Azure jobs.

You need to assign the appropriate role to the new admins.

Which role should you assign to each admin account? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer area

Admin account	Role
Admin1	<ul style="list-style-type: none">Automation OperatorContributorOwnerSecurity ManagerUser Access Administrator
Admin2	<ul style="list-style-type: none">Automation OperatorContributorOwnerSecurity ManagerUser Access Administrator

A109.

Admin account	Role
Admin1	<ul style="list-style-type: none">Automation OperatorContributorOwnerSecurity ManagerUser Access Administrator
Admin2	<ul style="list-style-type: none">Automation OperatorContributorOwnerSecurity ManagerUser Access Administrator

Q110.

You have an application that uses an Azure SQL Database.

The database becomes corrupt and is not usable.

You must configure point in time recovery to replace the database.

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.

Possible Actions

Rename the original database.

Configure automated backup.

Copy a back up of the database to the local region.

In Database dashboard, open the original database.

Create a new database name for the restored database.

Perform a restore operation by using the latest restore point.

Actions To Perform In Sequence**A110.****Possible Actions**

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In Database dashboard, open the original database.

Create a new database name for the restored database.

Perform a restore operation by using the latest restore point.

Actions To Perform In Sequence

In Database dashboard, open the original database.

Perform a restore operation by using the latest restore point.

Create a new database name for the restored database.



Q111.

You administer an Azure Web Site named contosoweb that is used to sell various products. Contosoweb experiences heavy traffic during weekends.

You need to analyze the response time of the product catalog page during peak times, from different locations.

What should you do?

- A Configure endpoint monitoring.
- B Add the Requests metric.
- C Turn on Failed Request Tracing.
- D Turn on Detailed Error Messages.

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- A Configure endpoint monitoring.
- B Add the Requests metric.
- C Turn on Failed Request Tracing.
- D Turn on Detailed Error Messages.

Answer: A

Explanation:

Endpoint monitoring configures web tests from geo-distributed locations that test response time and uptime of web URLs. The test performs an HTTP get operation on the web URL to determine the response time and uptime from each location. Each configured location runs a test every five minutes.

After you configure endpoint monitoring, you can drill down into the individual endpoints to view details response time and uptime status over the monitoring interval from each of the test location

Q112.

You manage a cloud service named fabrikamReports that is deployed in an Azure data center.
You deploy a virtual machine (VM) named fabrikamSQL into a virtual network named fabrikamVNet.

FabrikamReports must communicate with fabrikamSQL.

You need to add fabrikam Reports to fabrikamVNet.

Which file should you modify?

- A the network configuration file for fabrikamVNet
- B the service definition file (.csdef) for fabrikamReports
- C the service definition file (.csdef) for fabrikamSQL
- D the service configuration file (.cscfg) for fabrikamReports
- E the service configuration file (.cscfg) fabrikamSQL

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- C the service definition file (.csdef) for fabrikamSQL
- D the service configuration file (.cscfg) for fabrikamReports
- E the service configuration file (.cscfg) fabrikamSQL

Answer: D

Explanation:

The service configuration file specifies the number of role instances to deploy for each role in the service, the values of any configuration settings, and the thumbprints for any certificates associated with a role. If the service is part of a Virtual Network, configuration information for the network must be provided in the service configuration file, as well as in the virtual networking configuration file. The default extension for the service configuration file is .cscfg.

Q113.

You plan to use Azure Resource Manager (ARM) templates to deploy resources in Azure. You define the following variables in the template.

```
"variables": {
    "apiVersion": "2015-06-15",
    "storageAccountType": "Standard_LRS",
    "addressPrefix": "10.0.0.0/16",
    "subnetName": "Subnet-1",
    "subnetPrefix": "10.0.0.0/24",
    "publicIPAddressType": "Dynamic",
    "nic1NamePrefix": "nic1",
    "nic2NamePrefix": "nic2",
    "imagePublisher": "MicrosoftWindowsServer",
    "imageOffer": "WindowsServer",
    "imageSKU": "2012-R2-Datacenter",
    "vnetName": "myVNET",
    "publicIPAddressName": "myPublicIP",
    "lbName": "LB",
    "vmNamePrefix": "VM",
    "vnetID": "[resourceId('Microsoft.Network/virtualNetworks',variables('vnetName'))]",
    "subnetRef": "[concat(variables('vnetID'),'/subnets/',variables('subnetName'))]",
    "publicIPAddressID": "[resourceId('Microsoft.Network/publicIPAddresses',variables('publicIPAddressName'))]",
    "lbID": "[resourceId('Microsoft.Network/loadBalancers',variables('lbName'))]",
    "frontEndIPConfigID": "[concat(variables('lbID'),'/frontendIPConfigurations/LoadBalancerFrontEnd')]",
    "lbPoolID": "[concat(variables('lbID'),'/backendAddressPools/BackendPool1')]"
},
```

Use drop-down menus to select the answer choice that answers each question based on the information presents in the template.

NOTE: Each correct selection is worth one point.

How many virtual machines (VMs) are being created?

▼

One
Two
Three

How many network interface cards are defined?

▼

One
Two
Three

How will incoming connections be distributed?

▼

Sent directly to the VM on a private network.
Sent directly to the VM on a public network.
Sent to the VM through a load balancer.

A113.

Answer Area

How many virtual machines (VMs) are being created?

▼

One
Two
Three

How many network interface cards are defined?

▼

One
Two
Three

How will incoming connections be distributed?

▼

Sent directly to the VM on a private network.
Sent directly to the VM on a public network.
Sent to the VM through a load balancer.

Q114.

Your company is implementing an Intrusion Detection System (IDS). The IDS has the IP address 192.168.3.92. You plan to deploy the network by using Azure Resource Manager (ARM).

You need to ensure that all subnet traffic goes through the IDS.

How should you complete the JSON configuration code? To answer, drag the appropriate JSON segments to the correct location or locations. Each JSON segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

"Microsoft.Network/virtualNetworks"
"Microsoft.Network/routeTables"
"Microsoft.Network/networkSecurityGroups"
"VirtualAppliance"
"VirtualNetworkGateway"
"Internet"

Answer Area

```
{  
    "type" : [REDACTED]  
    "name" : "IDS",  
    "apiVersion" : "2015-06-15",  
    "location" : "East US",  
    "properties" : {  
        "routes" : [  
            {  
                "name" : "IDSRT",  
                "properties" : {  
                    "addressPrefix" : "192.168.0"  
                    "nextHopType" : [REDACTED]  
                    "nextHopIpAddress" : "192.168.3.92"  
                }  
            }  
        ]  
    }  
}
```

A114.

Answer Area

```
{  
    "type" : ["Microsoft.Network/routeTables"]  
    "name" : "IDS",  
    "apiVersion" : "2015-06-15",  
    "location" : "East US",  
    "properties" : {  
        "routes" : [  
            {  
                "name" : "IDSRT",  
                "properties" : {  
                    "addressPrefix" : "192.168.0"  
                    "nextHopType" : "VirtualAppliance"  
                    "nextHopIpAddress" : "192.168.3.92"  
                }  
            }  
        ]  
    }  
}
```

Q115.

You plan to deploy Azure SQL Database instances named DB1 and DB2.

You have the following requirements:

- DB1 must support at least 2,000 IOPS.
- DB2 must have disk sizes of 750 gigabytes (GB).
- Minimize costs when deploying the solution.

You need to assign the appropriate storage tier for the databases.

Which tier should you use for each database? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Database	Tier
DB1	<input type="button" value="▼"/>
	Premium P10
	Premium P20
	Premium P30

DB2	<input type="button" value="▼"/>
	Premium P10
	Premium P20
	Premium P30

A115.

Database	Tier
DB1	<input type="button" value="▼"/>
	Premium P10
	Premium P20
	Premium P30

DB2	<input type="button" value="▼"/>
	Premium P10
	Premium P20
	Premium P30

Q116.

You have an application that needs to use single sign-on (SSO) between the company's Azure Active Directory (Azure AD) and the on-premises Windows Server 2012 R2 Active Directory. You configure the application to use Integrated Windows Authentication (IWA). You install an Application Proxy connector in the same domain as the server that is publishing the application.

You need to configure the published application in Azure AD to enable SSO.

What should you do?

- A Set the external authentication method to IWA.
- B Set the preauthenticated method to Pass through.
- C Set the internal authentication method to IWA.
- D Enable an access rule to require Multi-Factor Authentication.

A116.

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What should you do?

- A Set the external authentication method to IWA.
- B Set the preauthenticated method to Pass through.
- C Set the internal authentication method to IWA.
- D Enable an access rule to require Multi-Factor Authentication.

Answer: C

Q117.

You manage an Internet Information Services (IIS) 6 website named contososite1. Contososite1 runs a legacy ASP.NET 1.1 application named LegacyApp1. LegacyApp1 does not contain any integration with any other systems or programming languages.

You deploy contososite1 to Azure Web Sites.

You need to create documentation for configuring the Azure Web Apps. You have the following requirements:

- LegacyApp1 runs correctly.
- The application pool does not recycle.

Which settings should you configure to meet the requirements? To answer, select the appropriate settings in the answer area.

general

.NET FRAMEWORK VERSION

V3.5 V4.6

PHP VERSION

OFF 5.3 5.4 5.5

JAVA VERSION

OFF 1.7.0_51

PYTHON VERSION

OFF 2.7.3 3.4.0

MANAGED PIPELINE MODE

CLASSIC INTEGRATED

PLATFORM

32-BIT 64-BIT

WEB SOCKETS

ON OFF

ALWAYS ON

ON OFF

A117.

general

.NET FRAMEWORK VERSION



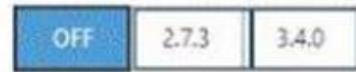
PHP VERSION



JAVA VERSION



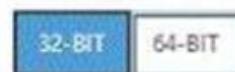
PYTHON VERSION



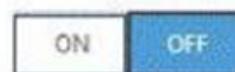
MANAGED PIPELINE MODE



PLATFORM



WEB SOCKETS



ALWAYS ON



- Managed Pipeline Mode: Classic. Sets the IIS pipeline mode. Leave this set to Integrated (the default) unless you have a legacy website that requires an older version of IIS. In this case we have a legacy app
- Always on: ONAlways On. By default, websites are unloaded if they are idle for some period of time. This lets the system conserve resources. In Basic or Standard mode, you can enable Always On to keep the site loaded all the time. If your site runs continuous web jobs, you should enable Always On, or the web jobs may not run reliably

Q118.

You have an Azure Web App that uses the URL contoso.azurewebsites.net. The virtual IP address of the web app is subject to change.

Users must be able to navigate to a custom domain name to access the Web App. You set up the DNS records for a custom domain at a third party registrar.

You need to configure the web app to use the custom domain name.

For each mapping, which DNS record type should you create? To answer, select the appropriate DNS record type from each list in the answer area.

Mapping

DNS record type

Root domain.

A	▼
NS	
CNAME	

Subdomain.

A	▼
TXT	
CNAME	

A118.

Mapping

DNS record type

Root domain.

A	▼
NS	
CNAME	

Subdomain.

A	▼
TXT	
CNAME	

Q119.

A company is developing a new on-premises desktop application.

The app must be able to access Azure Active Directory (Azure AD) in addition to the on-premises Active Directory.

You need to configure the application.

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

- A Install and run Azure AD Connect
- B Add an application manifest JSON file to the application and configure the oauth2Permissions section.
- C Update the application to be multi-tenant.
- D Update the application to use OAuth 2.0 authentication.
- E In the Azure Management portal, register the application.

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The app must be able to access Azure Active Directory (Azure AD) in addition to the on-premises Active Directory.

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- A Install and run Azure AD Connect
- B Add an application manifest JSON file to the application and configure the oauth2Permissions section.
- C Update the application to be multi-tenant.
- D Update the application to use OAuth 2.0 authentication.
- E In the Azure Management portal, register the application.

Answer: A, E

Q120.

You manage an Azure Web Site for a consumer-product company.

The website runs in Standard mode on a single medium instance.

You expect increased traffic to the website due to an upcoming sale during a holiday weekend.

You need to ensure that the website performs optimally when user activity is at its highest.

Which option should you select? To answer, select the appropriate option in the answer area.

INSTANCE SIZE: Small (1 core, 1.75 GB Memory)

EDIT SCALE SETTINGS FOR SCHEDULE: Recurring schedules (Weekday, Weekend) | set up schedule times

SCALE BY METRIC: CPU

INSTANCES: 1.5 (1 highlighted)

A120.

INSTANCE SIZE: Small (1 core, 1.75 GB Memory)

EDIT SCALE SETTINGS FOR SCHEDULE: Recurring schedules (Weekday, Weekend) | set up schedule times

SCALE BY METRIC: CPU

INSTANCES: 1.5 (1 highlighted)

Explanation:

INSTANCE SIZE: Small (1 core, 1.75 GB Memory)

EDIT SCALE SETTINGS FOR SCHEDULE: Recurring schedules (Weekday, Weekend) | set up schedule times

SCALE BY METRIC: CPU

INSTANCES: 1.5 (1 highlighted)

Note: The 'small' instance is selected. This setting would be for the weekdays. Then you would select a larger instance for the 'weekend' schedule setting to cover the increased activity.

Q121.

You plan to deploy a cloud service named contosoapp that has a web role named contosoweb and a worker role named contosoimagepurge.

You need to ensure the service meets the following requirements:

- Contosoweb can be accessed over the Internet by using http.
- Contosoimagepurge can only be accessed through tcp port 5001 from contosoweb.
- Contosoimagepurge cannot be accessed directly over the Internet.

Which configuration should you use? To answer, drag the appropriate configuration setting to the correct location in the service configuration file. Each configuration setting may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Configuration Settings

```
<InputEndpoint name="Endpoint1" protocol="http" port="80" />
```

```
<InternalEndpoint name="Endpoint1" protocol="http" port="80" />
```

```
<InputEndpoint name="Endpoint1" protocol="tcp" port="5001" />
```

```
<Destinations>
  <RoleEndpoint endpointName="EndPoint1" roleName="contosoimagepurge"/>
</Destinations>
<WhenSource matches="AnyRule">
  <FromRole roleName="contosoweb"/>
</WhenSource>
```

```
<Destinations>
  <RoleEndpoint endpointName="EndPoint1" roleName="contosoimagepurge"/>
</Destinations>
<AllowAllTraffic/>
```

Service Configuration File

```
<ServiceDefinition name="contosoapp">
  <WebRole name="contosoweb" vmsize="Small">
```

Configuration setting

```
    </Endpoints>
  </WebRole>
  <WorkerRole name="contosoimagepurge" vmsize="Small">
    <Endpoints>
```

Configuration setting

```
    </Endpoints>
  </WorkerRole>
  <NetworkTrafficRules>
    <OnlyAllowTrafficTo>
```

Configuration setting

```
    </OnlyAllowTrafficTo>
  </NetworkTrafficRules>
</ServiceDefinition>
```

A121.

Configuration Settings

```
<InputEndpoint name="Endpoint1" protocol="http" port="80" />
```

```
<InternalEndpoint name="Endpoint1" protocol="http" port="80" />
```

```
<InputEndpoint name="Endpoint1" protocol="tcp" port="5001" />
```

```
<Destinations>
<RoleEndpoint endpointName="EndPoint1" roleName="contosoimagepurge"/>
</Destinations>
<WhenSource matches="AnyRule">
<FromRole roleName="contosoweb"/>
</WhenSource>
```

```
<Destinations>
<RoleEndpoint endpointName="EndPoint1" roleName="contosoimagepurge"/>
</Destinations>
<AllowAllTraffic/>
```

Service Configuration File

```
<ServiceDefinition name="contosoapp"
  <WebRole name="contosoweb" vmsize="Small">
```

```
<InputEndpoint name="Endpoint1" protocol="http" port="80" />
```

```
</Endpoints>
</WebRole>
<WorkerRole name="contosoimagepurge" vmsize="Small">
<Endpoints>
```

```
<InputEndpoint name="Endpoint1" protocol="tcp" port="5001" />
```

```
</Endpoints>
</WorkerRole>
<NetworkTrafficRules>
<OnlyAllowTrafficTo>
```

```
<Destinations>
<RoleEndpoint endpointName="EndPoint1" roleName="contosoimagepurge"/>
</Destinations>
<WhenSource matches="AnyRule">
<FromRole roleName="contosoweb"/>
</WhenSource>
```

```
</OnlyAllowTrafficTo>
<NetworkTrafficRules>
</ServiceDefinition>
```

Q122.

You federate your on-premises Active Directory with Azure Active Directory (Azure AD) by using Active Directory Federations Services (AD FS) 2.0. You plan to secure cloud and on-premises resources by using an Azure Multi-Factor Authentication (MFA) server. You install the MFA server on the AD FS proxy server. You configure the MFA server and successfully import all AD users into the MFA user database.

Development teams in your organization must be able to secure their non-browser based apps.
You need to document the authentication mechanisms.

For each requirement, which authentication mechanism is used. To answer, select the appropriate authentication mechanism from each list in the answer area.

Answer Area

Requirement	Authentication factor	Authentication mechanism
Secure Azure AD resources by using Azure MFA.	First factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
	Second factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
Secure Azure AD resources by using AD FS.	First factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
	Second factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.

A122.

Requirement	Authentication factor	Authentication mechanism
Secure Azure AD resources by using Azure MFA.	First factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
	Second factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
Secure Azure AD resources by using AD FS.	First factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.
	Second factor	<ul style="list-style-type: none"> performed on-premises using AD FS phone based method carries out using cloud authentication performed on-premises by honoring the claim bypassed Azure MFA due to organization IP address.

Securing Azure AD resources using Azure MFA

First factor: performed on-premises using AD FS.

Second factor: phone-based method carried out using cloud authentication.

Securing Azure AD resources using Active Directory FS

First factor: performed on-premises using AD FS.

Second factor: performed on-premises by honoring the claim.

Q123.

You administer a set of virtual machine (VM) guests hosted in Hyper-V on Windows Server 2012 R2.

The virtual machines run the following operating systems:

- Windows Server 2008
- Windows Server 2008 R2
- Linux (openSUSE 13.1)

All guests currently are provisioned with one or more network interfaces with static bindings and VHDX disks. You need to move the VMs to Azure Virtual Machines hosted in an Azure subscription.

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

- A Install the WALinuxAgent on Linux servers.
- B Ensure that all servers can acquire an IP by means of Dynamic Host Configuration Protocol (DHCP).
- C Upgrade all Windows VMs to Windows Server 2008 R2 or higher.
- D Sysprep all Windows servers.
- E Convert the existing virtual disks to the virtual hard disk (VHD) format.

A123.

You administer a set of virtual machine (VM) guests hosted in Hyper-V on Windows Server 2012 R2.

The virtual machines run the following operating systems:

- Windows Server 2008
- Windows Server 2008 R2
- Linux (openSUSE 13.1)

All guests currently are provisioned with one or more network interfaces with static bindings and VHDX disks. You need to move the VMs to Azure Virtual Machines hosted in an Azure subscription.

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

- A Install the WALinuxAgent on Linux servers.
- B Ensure that all servers can acquire an IP by means of Dynamic Host Configuration Protocol (DHCP).
- C Upgrade all Windows VMs to Windows Server 2008 R2 or higher.
- D Sysprep all Windows servers.
- E Convert the existing virtual disks to the virtual hard disk (VHD) format.

Answer: A, C, E

Explanation:

A: For Linux the WALinuxAgent agent is mandatory.

C: Need to upgrade to Windows Server 2008 R2 or higher.

E: VHDX is not supported, so VHD is needed.

Q124.

You administer a cloud service.

You plan to host two web applications named contosoweb and contosowebsupport.

You need to ensure that you can host both applications and qualify for the Azure Service Level Agreement. You want to achieve this goal while minimizing costs.

How should you host both applications?

- A in different web roles with two instances in each web role
- B in the same web role with two instances
- C in different web roles with one instance in each web role
- D in the same web role with one instance

A124.

You administer a cloud service.

You plan to host two web applications named contosoweb and contosowebsupport.

You need to ensure that you can host both applications and qualify for the Azure Service Level Agreement. You want to achieve this goal while minimizing costs.

How should you host both applications?

- A in different web roles with two instances in each web role
- B in the same web role with two instances
- C in different web roles with one instance in each web role
- D in the same web role with one instance

Answer: B

Explanation:

A cloud service must have at least two instances of every role to qualify for the Azure Service Level Agreement, which guarantees external connectivity to your Internet-facing roles at least 99.95 percent of the time.

Q125.

You administer an Azure Web Site named contosoweb that uses a production database. You deploy changes to contosoweb from a deployment slot named contosoweb-staging.

You discover issues in contosoweb that are affecting customer data.

You need to resolve the issues in contosoweb while ensuring minimum downtime for users.

You swap contosoweb to contosoweb-staging.

Which four steps should you perform next 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
Swap contosoweb-staging to contosoweb.	
Point contosoweb to the production database.	
Point contosoweb-staging to the test database.	
Fix the issues in contosoweb.	
Fix the issues in contosoweb-staging.	
Point contosoweb-staging to the production database.	
Point contosoweb to the test database.	

A125.

Actions	Answer Area
Swap contosoweb-staging to contosoweb.	Point contosoweb-staging to the test database.
Point contosoweb to the production database.	Fix the issues in contosoweb-staging.
Point contosoweb-staging to the test database.	Point contosoweb-staging to the production database.
Fix the issues in contosoweb.	Swap contosoweb-staging to contosoweb.
Fix the issues in contosoweb-staging.	
Point contosoweb-staging to the production database.	
Point contosoweb to the test database.	

Q126.

You manage Azure Web Apps for a company. You migrate an on-premises web app to Azure. You plan to update the Azure Web App by modifying the connection string and updating the files that have changed since previous revision.

The deployment process must use Secure Socket Layer (SSL) and occur during off-peak hours as an automated batch process.

You need to update the Azure Web App.

What should you do?

- A Clone the Internet Information Services (IIS) virtual machine (VM) to Azure.
- B Deploy the web app from GitHub.
- C Use MSDeploy.exe.
- D Deploy the web app from the Internet Information Services (IIS) Management console.

A126.

You manage Azure Web Apps for a company. You migrate an on-premises web app to Azure. You plan to update the Azure Web App by modifying the connection string and updating the files that have changed since previous revision.

The deployment process must use Secure Socket Layer (SSL) and occur during off-peak hours as an automated batch process.

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What should you do?

- A Clone the Internet Information Services (IIS) virtual machine (VM) to Azure.
- B Deploy the web app from GitHub.
- C Use MSDeploy.exe.
- D Deploy the web app from the Internet Information Services (IIS) Management console.

Q127.

You administer an Azure Web Site named contoso. The development team has implemented changes to the website that need to be validated.

You need to validate and deploy the changes with minimum downtime to users.

What should you do first?

- A Create a new Linked Resource.
- B Configure Remote Debugging on contoso.
- C Create a new website named contosoStaging.
- D Create a deployment slot named contosoStaging.
- E Back up the contoso website to a deployment slot.

A127.

You administer an Azure Web Site named contoso. The development team has implemented changes to the website that need to be validated.

You need to validate and deploy the changes with minimum downtime to users.

What should you do first?

- A Create a new Linked Resource.
- B Configure Remote Debugging on contoso.
- C Create a new website named contosoStaging.
- D Create a deployment slot named contosoStaging.
- E Back up the contoso website to a deployment slot.

Answer: D

Explanation:

The deployment slots feature for Azure Websites allows validating a version of your site with full content and configuration updates on the target platform before directing customer traffic to this version. The expectation is that a deployment slot would be fully configured in the desired target format before performing a swap.

Q128.

You manage a large datacenter that has limited physical space.

You plan to extend your datacenter to Azure.

You need to create a connection that supports a multiprotocol label switching (MPLS) virtual private network.

Which connection type should you use?

- A Site-to-site
- B VNet-VNet
- C ExpressRoute.
- D Site-to-peer

A128.

You manage a large datacenter that has limited physical space.

You plan to extend your datacenter to Azure.

You need to create a connection that supports a multiprotocol label switching (MPLS) virtual private network.

Which connection type should you use?

- A Site-to-site
- B VNet-VNet
- C ExpressRoute.
- D Site-to-peer

Answer: C

Explanation:

ExpressRoute allows you to securely add compute and storage capacity to your existing datacenter. With high throughput and fast latencies, Azure will feel like a natural extension to your datacenter so you enjoy the scale and economics of the public cloud without having to compromise on network performance.

Q129.

You plan to use Azure Monitor with AutoScale Services. You create a URI to be used with the monitoring service.

You need to configure an alert that specifies the URI.

Which Azure Command-Line Interface (CLI) command or Azure PowerShell cmdlet should you run?

- A **New-AzureRmAlertRuleEmail**
- B **azure insights logprofile add**
- C **New-AzureRmAlertRuleWebhook**
- D **New-AzureRmAutoscaleRule**

A129.

You plan to use Azure Monitor with AutoScale Services. You create a URI to be used with the monitoring service.

You need to configure an alert that specifies the URI.

Which Azure Command-Line Interface (CLI) command or Azure PowerShell cmdlet should you run?

- A **New-AzureRmAlertRuleEmail**
- B **azure insights logprofile add**
- C **New-AzureRmAlertRuleWebhook**
- D **New-AzureRmAutoscaleRule**

Answer: C

Explanation:

The New-AzureRmAlertRuleWebhook cmdlet creates an alert rule webhook.

Syntax:

```
New-AzureRmAlertRuleWebhook  
[-ServiceUri] <String>  
[[-Properties] <Hashtable>]  
[<CommonParameters>]
```

Example: Create an alert rule webhook

```
New-AzureRmAlertRuleWebhook -ServiceUri "contoso.com">http://contoso.com"  
This command creates an alert rule webhook by specifying only the service URI.
```

Incorrect answers:

B: The azure insights logprofile add command adds a log profile.

Example: Add a log profile without retention

```
azure insights logprofile add --name default --storageId /subscriptions/1a66ce04-b633-4a0b-b2bc-a912ec8986a6/resourceGroups/insights-integration/r
```

A: The New-AzureRmAlertRuleEmail cmdlet creates an e-mail action for an alert rule.

Syntax:

```
New-AzureRmAlertRuleEmail
```

```
[[-CustomEmails] <String[]>]
```

```
[-SendToServiceOwners]
```

```
[<CommonParameters>]
```

D: The New-AzureRmAutoscaleRule cmdlet creates an Autoscale rule.

Q130.

You create an Azure Recovery Services vault and download the backup agent installation file.

You need to complete the installation of the backup agent.

What should you do first?

- A Configure network throttling.
- B Set the storage replication option.
- C Download the vault credentials file.
- D Select the data to back up.

A130.

You create an Azure Recovery Services vault and download the backup agent installation file.

You need to complete the installation of the backup agent.

What should you do first?

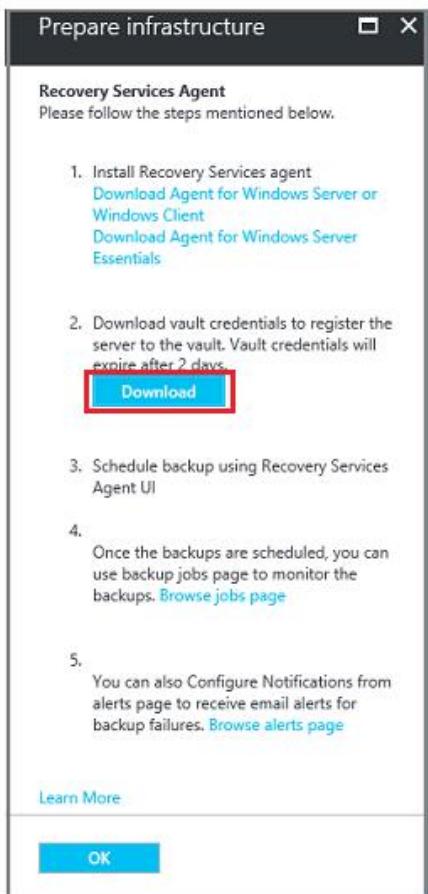
- A Configure network throttling.
- B Set the storage replication option.
- C Download the vault credentials file.
- D Select the data to back up.

Answer: C

Explanation:

After you have created the vault, prepare your infrastructure to back up files and folders by downloading and installing the Microsoft Azure Recovery Services agent, downloading vault credentials, and then using those credentials to register the agent with the vault. You can install the agent after you have downloaded the vault credentials.

Note: On the Prepare infrastructure blade, click Download.



Q131.

You deploy an Azure Web App named ContosoApp. ContosoApp runs on five instances.

You need to run an application named App1.exe automatically as a background process for ContosoApp. The solution must ensure that App1.exe runs in one instance only.

How should you deploy App1.exe?

- A as a continuous web job
- B in a new worker role instance
- C as a scheduled web job
- D as a virtual application

A131.

You deploy an Azure Web App named ContosoApp. ContosoApp runs on five instances.

You need to run an application named App1.exe automatically as a background process for ContosoApp. The solution must ensure that App1.exe runs in one instance only.

- A as a continuous web job
- B in a new worker role instance
- C as a scheduled web job
- D as a virtual application

Answer: C

Q132.

You administer an Azure virtual network named fabrikamVNet.

You need to deploy a virtual machine (VM) and ensure that it is a member of the fabrikamVNet virtual network.

Which two actions will achieve the goal? Each correct answer presents a complete solution.

- A Run the following Azure PowerShell cmdlet: **New-AzureRmVM**
- B Run the following Azure PowerShell cmdlet: **New-AzureQuickVM**
- C Run the following Azure PowerShell cmdlet: **New-AzureAffinityGroup**
- D Update fabrikamVNet's existing Availability Set.

A132.

You administer an Azure virtual network named fabrikamVNet.

You need to deploy a virtual machine (VM) and ensure that it is a member of the fabrikamVNet virtual network.

Which two actions will achieve the goal? Each correct answer presents a complete solution.

- A Run the following Azure PowerShell cmdlet: **New-AzureRmVM**
- B Run the following Azure PowerShell cmdlet: **New-AzureQuickVM**
- C Run the following Azure PowerShell cmdlet: **New-AzureAffinityGroup**
- D Update fabrikamVNet's existing Availability Set.

Answer: A, B

Explanation:

The New-AzureQuickVM cmdlet sets the configuration for a new virtual machine and creates the virtual machine. You can create a new Azureservice for the virtual machine by specifying either the Location or AffinityGroup parameters, or deploy the new virtual machine into an existing service.

Q133.

You are deploying an ASP.NET application to an Azure virtual machine (VM). The application throws an exception when invalid data is entered. When exceptions occur, an administrator must log on to the system to remove the bad data, and then restart the application.

You need to gather information about application crashes.

What should you do?

- A View the IIS logs.
- B View the Windows event system logs.
- C View the Windows event application logs.
- D Collect network and web metrics.

A133.

You are deploying an ASP.NET application to an Azure virtual machine (VM). The application throws an exception when invalid data is entered. When exceptions occur, an administrator must log on to the system to remove the bad data, and then restart the application.

You need to gather information about application crashes.

What should you do?

- A View the IIS logs.
- B View the Windows event system logs.
- C View the Windows event application logs.
- D Collect network and web metrics.

Answer: C

Q134.

You manage a cloud service that utilizes an Azure Service Bus queue.

You need to ensure that messages that are never consumed are retained.

What should you do?

- A Run the following Azure PowerShell cmdlet: **New-AzureSchedulerStorageQueueJob**
- B From the Azure portal, create a new queue named Dead-Letter.
- C In the Azure portal, select the MOVE TO THE DEAD-LETTER SUBQUEUE option for expired messages.
- D Run the following Azure PowerShell cmdlet: **Set-AzureServiceBus**

A134.

You manage a cloud service that utilizes an Azure Service Bus queue.

You need to ensure that messages that are never consumed are retained.

What should you do?

- A Run the following Azure PowerShell cmdlet: **New-AzureSchedulerStorageQueueJob**
- B From the Azure portal, create a new queue named Dead-Letter.
- C In the Azure portal, select the MOVE TO THE DEAD-LETTER SUBQUEUE option for expired messages.
- D Run the following Azure PowerShell cmdlet: **Set-AzureServiceBus**

Answer: C

Q135.

You manage a web application named Contoso that is accessible from the URL <http://www.contoso.com>.

You need to view a live stream of log events for the web application.

How should you configure the Azure PowerShell command? To answer, select the appropriate Azure PowerShell segment from each list in the answer area.

Answer Area

Get-AzureWebSiteLog Save-AzureWebSiteLog	▼
---	---

-Name contoso -URL, http://www.contoso.com	▼
---	---

-Tail -ListPath	▼
--------------------	---

A135.

Answer Area

Get-AzureWebSiteLog Save-AzureWebSiteLog	▼
---	---

-Name contoso -URL, http://www.contoso.com	▼
---	---

-Tail -ListPath	▼
--------------------	---

Q136.

You deploy several virtual machines (VMs) to Azure by using the Azure Service Manager (classic).

You must deploy new VMs by using the Azure Resource Manager (ARM).

You need to ensure the new VMs can communicate with the existing Vms.

What should you do?

- A Create a new resource group and include all VMs.
- B Create a site-to-site (S2S) VPN connection between the classic VNet and the ARM VNet.
- C Migrate the classic VMs to the ARM VNet.
- D Create a new availability set and include all VMs.

A136.

You deploy several virtual machines (VMs) to Azure by using the Azure Service Manager (classic).

You must deploy new VMs by using the Azure Resource Manager (ARM).

You need to ensure the new VMs can communicate with the existing Vms.

What should you do?

- A Create a new resource group and include all VMs.
- B Create a site-to-site (S2S) VPN connection between the classic VNet and the ARM VNet.
- C Migrate the classic VMs to the ARM VNet.
- D Create a new availability set and include all VMs.

Answer: B

Q137.

You are an administrator of the Azure subscription for your company.

You are updating an Azure Resource Manager (ARM) template.

You need to ensure that the JSON file uses the latest version available.

Which template element should you modify?

- A parameters
- B resources
- C \$schema
- D variables

A137.

You are an administrator of the Azure subscription for your company.

You are updating an Azure Resource Manager (ARM) template.

You need to ensure that the JSON file uses the latest version available.

Which template element should you modify?

- A parameters
- B resources
- C \$schema
- D variables

Answer: A

Explanation:

This example shows a typical resource section of a template for creating a specified number of VMs:

```
"resources": [  
  {  
    "apiVersion": "2016-04-30-preview",  
    "type": "Microsoft.Compute/virtualMachines",  
    "name": "[concat('myVM', copyindex())]",  
    Etc.
```

When you deploy resources using a template, you have to specify a version of the API to use. The example shows the virtual machine resource

using this apiVersion element:

```
"apiVersion": "2016-04-30-preview",
```

The version of the API you specify in your template affects which properties you can define in the template. In general, you should select the most recent API version when creating templates. For existing templates, you can decide whether you want to continue using an earlier API version, or update your template for the latest version to take advantage of new features.

Q138.

Your company network has two physical locations configured in a geo-clustered environment. You create a Blob storage account in Azure that contains all the data associated with your company.

You need to ensure that the data remains available in the event of a site outage.

Which storage option should you enable?

- A Locally redundant storage
- B Geo-redundant storage
- C Zone-redundant storage
- D Read-only geo-redundant storage

A138.

Your company network has two physical locations configured in a geo-clustered environment. You create a Blob storage account in Azure that contains all the data associated with your company.

You need to ensure that the data remains available in the event of a site outage.

Which storage option should you enable?

- A Locally redundant storage
- B Geo-redundant storage
- C Zone-redundant storage
- D Read-only geo-redundant storage

Answer: D

Explanation:

Introducing Read-only Access to Geo Redundant Storage (RA-GRS):

RA-GRS allows you to have higher read availability for your storage account by providing "read only" access to the data replicated to the secondary location. Once you enable this feature, the secondary location may be used to achieve higher availability in the event the data is not available in the primary region. This is an "opt-in" feature which requires the storage account be geo-replicated.

Q139.

You administer an Azure Active Directory (Azure AD) tenant where Box is configured for:

An employee moves to an organizational unit that does not require access to Box through the Access Panel.

You need to remove only Box from the list of applications only for this user.

What should you do?

- A Delete the user from the Azure AD tenant.
- B Delete the Box Application definition from the Azure AD tenant.
- C From the Management Portal, remove the user's assignment to the application.
- D Disable the user's account in Windows AD.

A139.

You administer an Azure Active Directory (Azure AD) tenant where Box is configured for:

An employee moves to an organizational unit that does not require access to Box through the Access Panel.

You need to remove only Box from the list of applications only for this user.

What should you do?

- A Delete the user from the Azure AD tenant.
- B Delete the Box Application definition from the Azure AD tenant.
- C From the Management Portal, remove the user's assignment to the application.
- D Disable the user's account in Windows AD.

Answer: C

Explanation:

Note: Use Azure AD to manage user access, provision user accounts, and enable single sign-on with Box. Requires an existing Box subscription.

Q140.

You manage an Azure subscription.

You develop a storage plan with the following requirements:

- Database backup files that are generated once per year are retained for ten years.
- High performance system telemetry logs are created constantly and processed for analysis every month.

In the table below, identify the storage redundancy type that must be used. Make only one selection in each column.

Redundancy	DB Backups	Telemetry Logs
Locally redundant storage (LRS)	<input type="radio"/>	<input type="radio"/>
Zone-redundant storage (ZRS)	<input type="radio"/>	<input type="radio"/>
Geo-redundant storage (GRS)	<input type="radio"/>	<input type="radio"/>
Read-access geo-redundant storage (RA-GRS)	<input type="radio"/>	<input type="radio"/>

A140.

Redundancy	DB Backups	Telemetry Logs
Locally redundant storage (LRS)	<input type="radio"/>	<input checked="" type="radio"/>
Zone-redundant storage (ZRS)	<input type="radio"/>	<input type="radio"/>
Geo-redundant storage (GRS)	<input checked="" type="radio"/>	<input type="radio"/>
Read-access geo-redundant storage (RA-GRS)	<input type="radio"/>	<input type="radio"/>

Q141.

You manage a web application that currently uses a small instance size.

You need to scale the instance size to medium.

How should you complete the Azure PowerShell script? To answer, drag the appropriate Azure PowerShell segments to the correct locations. Each Azure PowerShell segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Azure PowerShell segments

Switch-AzureMode
Get-AzureResource
Add-AzureAccount
Set-AzureResource
\$newWorkerSize = 0
\$newWorkerSize = 1
\$newWorkerSize = 2

Answer Area

Azure PowerShell segment AzureResourceManager

\$resourceGroup = "MyResourceGroup"
\$webHostingPlan = "MyWebHostingPlan"
\$whp = Azure PowerShell segment

-Name \$webHostingPlan
-ResourceGroupName \$resourceGroup
-ResourceType "Microsoft.Web/serverFarms"
-ApiVersion 2014-04-01

Azure PowerShell segment

\$whp.Properties.workerSize = \$newWorkerSize
\$whp.Properties.workerSizeId = \$newWorkerSize

Azure PowerShell segment

-Name \$webHostingPlan
-ResourceGroupName \$resourceGroup

A141.

Azure PowerShell segments

Switch-AzureMode
Get-AzureResource
Add-AzureAccount
Set-AzureResource
\$newWorkerSize = 0
\$newWorkerSize = 1
\$newWorkerSize = 2

Answer Area

Switch-AzureMode AzureResourceManager

\$resourceGroup = "MyResourceGroup"
\$webHostingPlan = "MyWebHostingPlan"
\$whp = Get-AzureResource

-Name \$webHostingPlan
-ResourceGroupName \$resourceGroup
-ResourceType "Microsoft.Web/serverFarms"
-ApiVersion 2014-04-01

\$newWorkerSize = 1

\$whp.Properties.workerSize = \$newWorkerSize
\$whp.Properties.workerSizeId = \$newWorkerSize

Set-AzureResource

-Name \$webHostingPlan
-ResourceGroupName \$resourceGroup

Q142.

You administer an Azure Web Site named WebProd that uses a production database. You deploy changes to WebProd from a deployment slot named WebStaging. You use a test database while making changes to the Web App.

After you deploy the Web App, you discover issues in WebProd that are affecting customer data.

You need to resolve the issues in WebProd while ensuring minimum downtime for users.

You swap WebProd to WebStaging.

Which four steps should you perform next 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

- Swap WebStaging to WebProd.
- Configure WebProd to use the test database.
- Configure WebStaging to use the test database.
- Fix the issues in WebStaging.
- Configure WebStaging to use the production database.
- Configure WebProd to use the production database.
- Fix the issues in WebProd.

Answer Area

A142.

Actions

- Swap WebStaging to WebProd.
- Configure WebProd to use the test database.
- Configure WebStaging to use the test database.
- Fix the issues in WebStaging.
- Configure WebStaging to use the production database.
- Configure WebProd to use the production database.
- Fix the issues in WebProd.

Answer Area

Configure WebStaging to use the test database.

Fix the issues in WebStaging.

Configure WebProd to use the production database.

Swap WebStaging to WebProd.

Q143.

Note: This question is part of a series of questions that present the same scenario. Each questions in the series contains a unique solution that might meet the stated goals. Some questions 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 create an Ubuntu Linux virtual machine (VM) by using the Azure Portal. You do not specify a password when you create the VM.

You need to connect to the terminal of the VM.

Solution: You connect to the private IP address of the VM by using Secure Shell (SSH) and specify your public key.

Does the solution meet the goal?

- A Yes
- B No

A143.

Note: This question is part of a series of questions that present the same scenario. Each questions in the series contains a unique solution that might meet the stated goals. Some questions 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 create an Ubuntu Linux virtual machine (VM) by using the Azure Portal. You do not specify a password when you create the VM.

You need to connect to the terminal of the VM.

Solution: You connect to the private IP address of the VM by using Secure Shell (SSH) and specify your public key.

Does the solution meet the goal?

- A Yes
- B No

Answer: B

Explanation:

You need to connect to the public IP, not the private IP.

Q144.

You manage an Azure virtual network that hosts 15 virtual machines (VMs) on a single subnet, which is used for testing a line of business (LOB) application. The application is deployed to a VM named TestWebServiceVM.

You need to ensure that TestWebServiceVM always starts by using the same IP address. You need to achieve this goal by using the least amount of administrative effort.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

- A Run the following Azure PowerShell cmdlet: **Set-AzureStaticVNetIP**
- B Use the Azure portal to configure TestWebServiceVM.
- C Run the following Azure PowerShell cmdlet: **Get-AzureReservedIP**
- D Use RDP to configure TestWebServiceVM.

A144.

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- A Run the following Azure PowerShell cmdlet: **Set-AzureStaticVNetIP**
- B Use the Azure portal to configure TestWebServiceVM.
- C Run the following Azure PowerShell cmdlet: **Get-AzureReservedIP**
- D Use RDP to configure TestWebServiceVM.

Answer: A, B

Q145.

You create a virtual network named fabVNet01.

You design the virtual network to include two subnets, one named DNS-subnet and one named Apps-subnet, as shown in the exhibit. (Click the Exhibits button.)

The screenshot shows the 'Virtual Network Address Spaces' configuration page. At the top, it says 'CREATE A VIRTUAL NETWORK' and 'Virtual Network Address Spaces'. Below this is a table for defining address spaces:

ADDRESS SPACE	STARTING IP	CIDR (ADDRESS COUNT)	USABLE ADDRESS RANGE
10.0.0.0/26	10.0.0.0	/26 (64)	10.0.0.1 - 10.0.0.63

Below the table is a section for 'SUBNETS' with two entries:

SUBNET	STARTING IP	CIDR (ADDRESS COUNT)	USABLE ADDRESS RANGE
DNS-subnet	10.0.0.0	/27 (32)	10.0.0.1 - 10.0.0.31
Apps-subnet	10.0.0.32	/29 (8)	10.0.0.32 - 10.0.0.39

Buttons for 'add subnet' and 'add address space' are present. At the bottom, there is a 'NETWORK PREVIEW' section showing 'fabVNet01' with a preview icon. Navigation buttons '1' and '2' are at the bottom left, and a back/forward navigation bar is at the bottom right.

In the table below, identify the number of IP addresses that will be available for virtual machines (VMs) or cloud services in each subnet. Make only one selection in each column.

Answer Area

Available IP Addresses	DNS-subnet	Apps-subnet
3	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>
27	<input type="radio"/>	<input type="radio"/>
32	<input type="radio"/>	<input type="radio"/>

A145.

Available IP Addresses	DNS-subnet	Apps-subnet
3	<input type="radio"/>	<input checked="" type="radio"/>
8	<input type="radio"/>	<input type="radio"/>
27	<input checked="" type="radio"/>	<input type="radio"/>
32	<input type="radio"/>	<input type="radio"/>

Q146.

You plan to deploy an Azure SQL Database instance.

After deployment, the solution must meet the following requirements:

- You must be able to restore the database to any point in time for the last 30 days.
- In the event of a restore, data must be recovered by using the fastest available method.
- SQL backups must be stored in up to four secondary regions.
- You must minimize costs when configuring the databases.

You need to configure the secondary databases.

Which storage tier and method should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Option	Value
Storage tier	<input type="button" value="▼"/>
	Basic
	Standard
	Premium
Storage method	<input type="button" value="▼"/>
	Geo-Replication
	Active Geo-Replication
	locally redundant storage
	zone redundant storage

A146.

Answer Area

Option	Value
Storage tier	<input type="button" value="▼"/>
	Basic
	Standard
	Premium
Storage method	<input type="button" value="▼"/>
	Geo-Replication
	Active Geo-Replication
	locally redundant storage
	zone redundant storage

Q147.

You deploy an Azure web app named contosoApp. ContosoApp is available by using HTTP or HTTPS.

You need to ensure that a web administrator receives an email notification if the average response time for contosoAPP exceeds 50 milliseconds.

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

- A Create an HTTPS monitoring endpoint.
- B Create a metric
- C Create a rule.
- D Create an HTTP monitoring endpoint.
- E Modify the properties of the connection strings.
- F Enable Application logging.

A147.

You deploy an Azure web app named contosoApp. ContosoApp is available by using HTTP or HTTPS.

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- A Create an HTTPS monitoring endpoint.
- B Create a metric
- C Create a rule.
- D Create an HTTP monitoring endpoint.
- E Modify the properties of the connection strings.
- F Enable Application logging.

Answer: C, D

Q148.

You have an Azure subscription that contains two Azure SQL Database servers named lpqd0zbr8y and bk0b8kf65. lpqd0zbr8y contains a database named Orders.

You need to implement active geo-replication for the Orders database.

How should you construct the Azure PowerShell command? To answer, select the appropriate Azure PowerShell segments in the answer area.

Answer Area

New-AzureSQLRecoverableDatabase Set-AzureSqlDatabaseServer Start-AzureSqlDatabaseCopy Start-AzureSqlDatabaseServer	-ServerName bk0b8kf65 lpqd0zbr8y
-DatabaseName "Orders" -ParnerServer -ContinuousCopy	bk0b8kf65 lpqd0zbr8y

A148.

Answer Area

New-AzureSQLRecoverableDatabase Set-AzureSqlDatabaseServer Start-AzureSqlDatabaseCopy Start-AzureSqlDatabaseServer	-ServerName bk0b8kf65 lpqd0zbr8y
-DatabaseName "Orders" -ParnerServer -ContinuousCopy	bk0b8kf65 lpqd0zbr8y

Q149.

You manage an Azure Web Site in Standard mode at the following address: contoso.azurewebsites.net.

Your company has a new domain for the site that needs to be accessible by Secure Socket Layer (SSL) encryption.

You need to be able to add a custom domain to the Azure Web Site and assign an SSL certificate.

Which three steps should you perform next in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. More than one order of answer choices may be correct. You will receive credit for any of the correct orders you select

Actions	Answer Area
Create a CNAME record from www.contoso.com to contoso.azurewebsites.net.	
Add www.contoso.com to the list of domain names as a custom domain.	
Add an A record in your DNS for www.contoso.com to point to the Azure Web Site IP.	
Add SSL binding for the www.contoso.com domain with the IP-based SSL option selected.	
Add SSL binding for the www.contoso.com domain with the Server Name Indication (SNI) SSL option selected.	
Create a new file that will redirect the site to the new URL and upload it to the Azure Web Site.	

A149.

Actions	Answer Area
Create a CNAME record from www.contoso.com to contoso.azurewebsites.net.	Create a CNAME record from www.contoso.com to contoso.azurewebsites.net.
Add www.contoso.com to the list of domain names as a custom domain.	Add www.contoso.com to the list of domain names as a custom domain.
Add an A record in your DNS for www.contoso.com to point to the Azure Web Site IP.	Add SSL binding for the www.contoso.com domain with the Server Name Indication (SNI) SSL option selected.
Add SSL binding for the www.contoso.com domain with the IP-based SSL option selected.	
Add SSL binding for the www.contoso.com domain with the Server Name Indication (SNI) SSL option selected.	
Create a new file that will redirect the site to the new URL and upload it to the Azure Web Site.	

Q150.

You administer an Azure Active Directory (Azure AD) tenant that has a SharePoint web application named TeamSite1. TeamSite1 accesses your Azure AD tenant for user information.

The application access key for TeamSite1 has been compromised.

You need to ensure that users can continue to use TeamSite1 and that the compromised key does not allow access to the data in your Azure AD tenant.

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

- A Remove the compromised key from the application definition for TeamSite1.
- B Delete the application definition for TeamSite1.
- C Generate a new application key for TeamSite1.
- D Generate a new application definition for TeamSite1.
- E Update the existing application key.

A150.

You administer an Azure Active Directory (Azure AD) tenant that has a SharePoint web application named TeamSite1. TeamSite1 accesses your Azure AD tenant for user information.

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- A Remove the compromised key from the application definition for TeamSite1.
- B Delete the application definition for TeamSite1.
- C Generate a new application key for TeamSite1.
- D Generate a new application definition for TeamSite1.
- E Update the existing application key.

Answer: A, C

Explanation:

One of the security aspects of Windows Azure storage is that all access is protected by access keys.

It is possible to change the access keys (e.g. if the keys become compromised), and if changed, we'd need to update the application to have the new key.