QUESTION 1 Case Study 1 - VanArsdel, Ltd. (Question 1 - Question 8) ...

You need to assign permissions for the Virtual Machine workloads that you migrate to Azure. The solution must use the principal of least privileges. What should you do?

A. Create all VMs in the cloud service named Group1 and then connect to the Azure subscription. Run the following Windows PowerShell command:

New-AzureRoleAssignment-Mail user1@vanarsdelltd.com–RoleDefinitionName Contributor–ResoureeGroupName group1

B. In the Azure portal, select an individual virtual machine and add an owner.

C. In the Azure portal, assign read permission to the user at the subscription level

D. Create each VM in a separate cloud service and then connect to the Azure subscription. Run the following Windows PowerShell command:

Get-AzureVM | New-AzureRoleAssignment-Mail user1@vanarsdelltd.com- RoleDefinitionName Contributor

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 2

You need to design the system that alerts project managers to data changes in the contractor information app. Which service should you use?

A. Azure Mobile Service

B. Azure Service Bus Message Queueing

C. Azure Queue Messaging

D. Azure Notification Hub
Correct Answer: B Section: (none) Explanation

QUESTION 3
You need to recommend a solution that allows partners to authenticate. Which solution should you recommend?

A. Configure the federation provider to trust social identity providers
B. Configure the federation provider to use the Azure Access Control service.
C. Create a new directory in Azure Active Directory and create a user account for the partner.
D. Create an account on the VanArsdel domain for the partner and send an email message that contains the password to the partner

Correct Answer: B Section: (none) Explanation

Explanation/Reference: QUESTION 4
You are designing a plan to deploy a new application to Azure. The solution must provide a single sign-on experience for users. You need to recommend an authentication type. Which authentication type should you recommend?

A. SAML credential tokens
B. Azure managed access keys
C. Windows Authentication
D. MS-CHAP

Correct Answer: A Section: (none) Explanation

Explanation/Reference: QUESTION 5
You need to prepare the implementation of data storage for the contractor information app. What should you?

A. Create a storage account and implement multiple data partitions
B. Create a Cloud Service and a Mobile Service. Implement Entity Group transactions.
C. Create a Cloud Service and a Deployment group. Implement Entity Group transactions.
D. Create a Deployment group and a Mobile Service. Implement multiple data partitions

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 6

You need to ensure that users do not need to re-enter their passwords after they authenticate to cloud applications for the first time. What should you do?

A. Enable Microsoft Account authentication.

B. Set up a virtual private network (VPN) connection between the VanArsdel premises and Azure datacenter. Set up a Windows Active Directory domain controller in Azure VM. Implement Integrated Windows authentication

C. Deploy ExpressRoute.

D. Configure Azure Active Directory Sync to use single sign-on (SSO).

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 7

Drag and Drop Question You need to recommend data storage mechanisms for the solution. What should you recommend? To answer, drag the appropriate data storage mechanism to the correct information type. Each data storage mechanism 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.

Select and Place:

Correct Answer:
**Data Storage Mechanisms**

<table>
<thead>
<tr>
<th>Information Type</th>
<th>Data Storage Mechanism</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor information</td>
<td>Table storage</td>
</tr>
<tr>
<td>Project images</td>
<td>Blob storage</td>
</tr>
</tbody>
</table>

**QUESTION 8**

You need to design the contractor information app. What should you recommend? To answer, select the appropriate options in the answer area.

**Hot Area: Correct Answer:**

You must authenticate employees to the contractor information app.

You must synchronize data with the contractor information app.
QUESTION 9
You are designing an Azure web application. The solution will be used by multiple customers. Each customer has different business logic and user interface requirements. Not all customers use the same version of the .NET runtime. You need to recommend a deployment strategy. What should you recommend?

A. Deploy with multiple web role instances
B. Deploy each application in a separate tenant
C. Deploy all applications in one tenant.
D. Deploy with multiple worker role instances.

Correct Answer: B

QUESTION 10
You design an Azure application that processes images. The maximum size of an image is 10 MB. The application includes a web role that allows users to upload images and a worker role with multiple instances that processes the images. The web role communicates with the worker role by using an Azure Queue service. You need to recommend an approach for storing images that minimizes storage transactions. What should you recommend?
A. Store images in Azure Blob service. Store references to the images in the queue.

B. Store images in the queue.

C. Store images in OneDrive attached to the worker role instances. Store references to the images in the queue.

D. Store images in local storage on the web role instance. Store references to the images in the queue.

**Correct Answer: A Section: (none)** Explanation

Explanation/Reference:

**QUESTION 11**

You are designing an Azure application. The application includes two web roles and three instances of a worker role. The web roles send requests to the worker role by using one or more Azure Queues. You need to recommend a queue design for sending requests to the worker role. What should you recommend?

A. Create a queue for each combination of web roles and worker role instances. Send requests to all worker role instances based on the sending web role.

B. Create a single queue. Send all requests on the single queue.

C. Create a queue for each worker role instance. Send requests on each worker queue by using a round robin rotation.

D. Create a queue for each web role. Send requests on all queues at the same time.

**Correct Answer: B Section: (none)** Explanation

Explanation/Reference:

**QUESTION 12**

You are designing an Azure application that will use a worker role. The worker role will create temporary files. You need to minimize storage transaction charges. Where should you create the files?

A. In Azure local storage

B. In Azure Storage page blobs

C. On an Azure Drive

D. In Azure Storage block blobs

**Correct Answer: A Section: (none)** Explanation
QUESTION 13

You are designing an Azure web application. The application uses one worker role. It does not use SQL Database. You have the following requirements:

- Maximize throughput and system resource availability
- Minimize downtime during scaling

You need to recommend an approach for scaling the application. Which approach should you recommend?

A. Increase the role instance size.
B. Set up horizontal partitioning.
C. Increase the number of role instances.
D. Set up vertical partitioning

Correct Answer: C

Explanation/Reference:

QUESTION 14

You are evaluating an Azure application. The application includes the following elements:

- A web role that provides the ASP.NET user interface and business logic
- A single SQL database that contains all application data

Each webpage must receive data from the business logic layer before returning results to the client. Traffic has increased significantly. The business logic is causing high CPU usage. You need to recommend an approach for scaling the application. What should you recommend?

A. Store the business logic results in Azure Table storage.
B. Vertically partition the SQL database.
C. Move the business logic to a worker role
D. Store the business logic results in Azure local storage

Correct Answer: C
QUESTION 15

You are planning an upgrade strategy for an existing Azure application. Multiple instances of the application run in Azure. The management team is concerned about application downtime, due to a business service level agreement (SLA). You are evaluating which change in your environment will require downtime. You need to identify the changes to the environment that will force downtime. Which change always requires downtime?

A. Adding an HTTPS endpoint to a web role
B. Upgrading the hosted service by deploying a new package
C. Changing the value of a configuration setting
D. Changing the virtual machine size

Correct Answer: A

QUESTION 16

You are designing an Azure application that processes graphical image files. The graphical images are processed in batches by remote applications that run on multiple servers. You have the following requirements:

- The application must remain operational during batch-processing operations.
- Users must be able to roll back each image to a previous version.

You need to ensure that each remote application has exclusive access to an image while the application processes the image. Which type of storage should you use to store the images?

A. Table service
B. Queue service
C. Blob service
D. A single Azure VHD that is attached to the web role

Correct Answer: C

QUESTION 17
You are designing an Azure application that stores data. You have the following requirements:

- The data storage system must support storing more than 500 GB of data.
- Data retrieval must be possible from a large number of parallel threads.
- Threads must not block each other.

You need to recommend an approach for storing data. What should you recommend?

A. Azure Notification Hubs  
B. A single SQL database in Azure  
C. Azure Queue storage  
D. Azure Table storage  

**Correct Answer: D**  
**Section: (none)**  
**Explanation**

**QUESTION 18**

You are designing a Windows Azure application. The application includes processes that communicate by using Windows Communications Foundation (WCF) services. The WCF services must support streaming. You need to recommend a host for the processes and a WCF binding. Which two actions should you recommend? (Each correct answer presents part of the solution. Choose two.)

A. Host the processes in web roles.  
B. Host the processes in worker roles  
C. Use NetTcpBinding for the WCF services.  
D. Use WSHttpBinding for the WCF services.  

**Correct Answer: BC**  
**Section: (none)**  
**Explanation**

**QUESTION 19**

You are designing a Windows Azure application. Messages will be placed into a Windows Azure Queue and then processed by a worker role. There is no requirement for adherence to the Windows Azure Service Level Agreement (SLA). You need to recommend an approach for concurrently processing messages while minimizing compute cost. What should you recommend?

A. A single role instance that processes messages individually  
B. A single role instance with multithreaded request processing
C. Multiple role instances that process messages individually

D. Multiple role instances, each with multithreaded request processing

Correct Answer: B

Section: (none)

Explanation/Reference:

QUESTION 20

You are designing a Windows Azure application that will use a worker role. The worker role will create temporary files. You need to recommend an approach for creating the temporary files that minimizes storage transactions. What should you recommend?

A. Create the files on a Windows Azure Drive.

B. Create the files in Windows Azure local storage.

C. Create the files in Windows Azure Storage page blobs

D. Create the files in Windows Azure Storage block blobs.

Correct Answer: B

Section: (none)

Explanation/Reference:

QUESTION 21

You have business services that run on an on-premises mainframe server. You must provide an intermediary configuration to support existing business services and Azure. The business services cannot be rewritten. The business services are not exposed externally. You need to recommend an approach for accessing the business services. What should you recommend?

A. Connect to the on-premises server by using a custom service in Azure.

B. Expose the business services to the Azure Service Bus by using a custom service that uses relay binding.

C. Expose the business services externally

D. Move all business service functionality to Azure.

Correct Answer: B

Section: (none)

Explanation/Reference: QUESTION 22

You design an Azure web application. The web application is accessible by default as a standard cloudapp.net URL. You need to recommend a DNS resource record type that will allow you to configure
access to the web application by using a custom domain name. Which DNS record type should you recommend?

A. SRV  
B. MX  
C. CNAME  
D. A  

Correct Answer: C Section: (none)Explanation

Explanation/Reference:

QUESTION 23

A company hosts a website and exposes web services on the company intranet. The intranet is secured by using a firewall. Company policies prohibit changes to firewall rules. Devices outside the firewall must be able to access the web services. You need to recommend an approach to enable inbound communication. What should you recommend?

A. The Azure Access Control Service  
B. Windows Azure Pack  
C. The Azure Service Bus  
D. A web service in an Azure role that relays data to the internal web services  

Correct Answer: Section: (none)Explanation

Explanation/Reference:

QUESTION 24

You are designing an Azure application. The application includes services hosted in different geographic locations. The service locations may change. You must minimize the cost of communication between services. You need to recommend an approach for data transmission between your application and Azure services. The solution must minimize administrative effort. What should you recommend?

A. Azure Table storage  
B. Service Bus  
C. Service Management API  
D. Azure Queue storage
QUESTION 25
You are designing a distributed application for Azure. The application must securely integrate with on-premises servers. You need to recommend a method of enabling Internet Protocol security (IPsec) protected connections between on-premises servers and the distributed application. What should you recommend?

A. Azure Access Control
B. Azure Content Delivery Network (CDN)
C. Azure Service Bus
D. Azure Site-to-Site VPN

Correct Answer: D

QUESTION 26
A company has 10 on-premises SQL databases. The company plans to move the databases to SQL Server 2012 that runs in Azure Infrastructure-as-a-Service (IaaS). After migration, the databases will support a limited number of Azure websites in the same Azure Virtual Network. You have the following requirements:

- You must restore copies of existing on-premises SQL databases to the SQL servers that run in Azure IaaS.
- You must be able to manage the SQL databases remotely.
- You must not open a direct connection from all of the machines on the on-premises network to Azure.

- Connections to the databases must originate from only five Windows computers.

- You need to configure remote connectivity to the databases.

Which technology solution should you implement?

A. Azure Virtual Network site-to-site VPN
B. Azure Virtual Network multi-point VPN
C. Azure Virtual Network point-to-site VPN

D. Azure ExpressRoute

Correct Answer: C  Section: (none)  Explanation

Explanation/Reference:

QUESTION 27

You have several virtual machines (VMs) that run in Azure. You also have a single System Center 2012 R2 Configuration Manager (SCCM) primary site on-premises. You have the following requirements:

- All VMs must run on the same virtual network.

- Network traffic must be minimized between the on-premises datacenter and Azure.

- The solution minimize complexity.

You need to use SCCM to collect inventory and deploy software to Azure VMs. What should you do first?

A. Configure client push for the Azure virtual network

B. Enable and configure Operations Insights in Azure.

C. Install a cloud distribution point on an Azure VM.

D. Install a secondary site underneath the primary site onto an Azure VM.

Correct Answer: C  Section: (none)Explanation

Explanation/Reference: QUESTION 28

You are running a Linux guest in Azure Infrastructure-as-a-Service (IaaS). You must run a daily maintenance task. The maintenance task requires native BASH commands. You need to configure Azure Automation to perform this task. Which three actions should you perform? Each correct answer presents part of the solution.

A. Create an automation account.

B. Create an Orchestrator runbook.

C. Create an asset credential

D. Run the Invoke-Workflow Azure PowerShell cmdlet.

E. Import the SSH PowerShell Module
QUESTION 29

A company has multiple Azure subscriptions. It plans to deploy a large number of virtual machines (VMs) into Azure. You install the Azure PowerShell module, but you are unable connect to all of the company's Azure subscriptions. You need to automate the management of the Azure subscriptions. Which two Azure PowerShell cmdlets should you run

A. Get-AzurePublishSettingsFile
B. Import-AzurePublishSettingsFile
C. Add-AzureSubscription
D. Import-AzureCertificate
E. Get-AzureCertificate

Correct Answer: AB

QUESTION 30

Contoso, Ltd., uses Azure websites for public-facing customer websites. The company has a mobile app that requires customers sign in by using a Contoso customer account. Customers must be able to sign on to the websites and mobile app by using a Microsoft, Facebook, or Google account. All transactions must be secured in-transit regardless of device. You need to configure the websites and mobile app to work with external identity providers. Which three actions should you perform? Each correct answer presents part of the solution.

A. Request a certificate from a domain registrar for the website URL, and enable TLS/SSL.
B. Configure IPsec for the websites and the mobile app.
C. Configure the KerberosTokenProfile 1.1 protocol.
D. Configure OAuth2 to connect to an external authentication provider
E. Build an app by using MVC 5 that is hosted in Azure to provide a framework for the underlying authentication

Correct Answer: ADE
You are designing a solution that will interact with non-Windows applications over unreliable network connections. You have a security token for each non-Windows application. You need to ensure that non-Windows applications retrieve messages from the solution. Where should you retrieve messages?

A. An Azure Queue
B. The Azure Service Bus Queue
C. An Azure blob storage container that has a private access policy
D. Azure Table storage

Correct Answer: B

Explanation/Reference:

QUESTION 32

You are the administrator for a company named Contoso, Ltd. Contoso also has an Azure subscription and uses many on-premises Active Directory products as roles in Windows Server including the following:

- Active Directory Domain Services (AD DS)
- Active Directory Certificate Services (AD CS)

Contoso must use the directory management services available in Azure Active Directory. You need to provide information to Contoso on the similarities and differences between Azure Active Directory and the Windows Server Active Directory family of services. Which feature does Azure Active Directory and on-premises Active Directory both support?

A. Using the GraphAPI to query the directory
B. Issuing user certificates
C. Supporting single sign-on (SSO)
D. Querying the directory with LDAP

Correct Answer: C

Explanation/Reference:
A company has a very large dataset that includes sensitive information. The dataset is over 30 TB in size. You have a standard business-class ISP internet connection that is rated at 100 megabits/second. You have 10 4-TB hard drives that are approved to work with the Azure Import/Export Service. You need to migrate the dataset to Azure:

- The solution must meet the following requirements:
- The dataset must be transmitted securely to Azure.
- Network bandwidth must not increase.
- Hardware costs must be minimized.

What should you do?

A. Prepare the drives with the Azure Import/Export tool and then create the import job. Ship the drives to Microsoft via a supported carrier service.

B. Create an export job and then encrypt the data on the drives by using the Advanced Encryption Standard (AES). Create a destination Blob to store the export data.

C. Create an import job and then encrypt the data on the drives by using the Advanced Encryption Standard (AES). Create a destination Blob to store the import data.

D. Prepare the drives by using Sysprep.exe and then create the import job. Ship the drives to Microsoft via a supported carrier service.

**Correct Answer: A**

**Section: (none)**

**Explanation/Reference:**

**QUESTION 34**

You have an Azure website that runs on several instances. You have a WebJob that provides additional functionality to the website. The WebJob must run on all instances of the website. You need to ensure that the WebJob runs even when the website is idle for long periods of time. How should you create and configure the WebJob object? To answer, select the appropriate options in the answer area.

**Hot Area:**
Correct Answer: Section: (none) Explanation

**Answer Area**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create the WebJob object</td>
<td>Create the WebJob as a scheduled task.</td>
</tr>
<tr>
<td></td>
<td>Create the WebJob as an on-demand task.</td>
</tr>
<tr>
<td></td>
<td>Create the WebJob as a continuously running task.</td>
</tr>
<tr>
<td>Configure the WebJob object</td>
<td>Enable AlwaysOn for the website.</td>
</tr>
<tr>
<td></td>
<td>Enable AlwaysOn for the database.</td>
</tr>
<tr>
<td></td>
<td>Configure the WebJob to run continuously.</td>
</tr>
</tbody>
</table>

**Question 35**

You have a website that displays text, pictures, video files, and audio files. The website processes requests from countries and regions all over the world. You plan to migrate the website to the Azure platform. The website has the following requirements:

- Encode, store, and stream audio and video at scale.

- Load-balance communications with the website instance that is closest to the user's location.

- Deliver content with high-bandwidth and low latency.

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You need to recommend the technologies to implement the solution. Which technologies should you recommend? To answer, drag the appropriate technology to the correct requirement. Each technology 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.

Select and Place: Correct Answer:

**Requirement** | **Technology**
--- | ---
Encode media | TrafficManager
Load-balanced communication | MediaServices
Deliver content | Azure Active Directory

**Requirement** | **Technology**
--- | ---
Encode media | MediaServices
Load-balanced communication | TrafficManager
Deliver content | Azure Content Delivery Network

Section: (none)

Explanation/Reference:

**QUESTION 36**

You are designing a Windows Azure application that will use Windows Azure Table storage. The
application will allow teams of users to collaborate on projects. Each user is a member of only one team.

You have the following requirements:

- Ensure that each user can efficiently query records related to his or her team's projects.
- Minimize data access latency.

You need to recommend an approach for partitioning table storage entities. What should you recommend?

A. Partition by user
B. Partition by team.
C. Partition by project.
D. Partition by the current date

Correct Answer: B

Section: (none)
Explanation

QUESTION 37

You are designing a Windows Azure application that will store data in two SQL Azure databases. The application will insert data in both databases as part of a single logical operation. You need to recommend an approach for maintaining data consistency across the databases. What should you recommend?

A. Execute database calls on parallel threads
B. Wrap the database calls in a single transaction scope.
C. Use Microsoft Distributed Transaction Coordinator (MSDTC).
D. Handle errors resulting from the database calls by using compensatory logic.

Correct Answer: D

Section: (none)
Explanation

QUESTION 38

You are designing a Windows Azure application. The application includes two web roles and three instances of a worker role. The web roles will send requests to the worker role through one or more Windows Azure Queues. You have the following requirements:

- Ensure that each request is processed exactly one time.
- Minimize the idle time of each worker role instance.
- Maximize the reliability of request processing.
You need to recommend a queue design for sending requests to the worker role. What should you recommend?

A. Create a single queue. Send requests on the single queue

B. Create a queue for each web role. Send requests on all queues at the same time.

C. Create a queue for each worker role instance. Send requests on each worker queue in a round robin.

D. Create a queue for each combination of web roles and worker role instances. Send requests to all worker role instances based on the sending web role.

Correct Answer: A Section: (none)Explanation

Explanation/Reference:

QUESTION 39

You need to automate tasks with Azure by using Azure PowerShell workflows. How should you complete the Azure PowerShell script? To answer, drag the appropriate cmdlet to the correct location. Each cmdlet 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.

Select and Place: Correct Answer:
A company uses Azure for several virtual machine (VM) and website workloads. The company plans to assign administrative roles to a specific group of users. You have a resource group named GROUP1 and a virtual machine named VM2. The users have the following responsibilities:

<table>
<thead>
<tr>
<th>User</th>
<th>Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admin1</td>
<td>Control access to VM2.</td>
</tr>
<tr>
<td>Admin2</td>
<td>Prepare reports with billing and usage information.</td>
</tr>
<tr>
<td>Admin3</td>
<td>Maintain all resources in the GROUP1 resource group.</td>
</tr>
</tbody>
</table>

You need to assign the appropriate level of privileges to each of the administrators by using the principle of least privilege. What should you do? To answer, select the appropriate target objects and permission levels in the answer area.

**Hot Area:**

```powershell
workflow Use-WorkflowCheckpointSample
{
    Set-AutomationVariable -Name 'HasBeenSuspended' -Value $False
    Write-Output "Before Checkpoint"
    Checkpoint-Workflow
    Write-Output "After Checkpoint"

    $HasBeenSuspended = `n    Get-AutomationVariable -Name 'HasBeenSuspended'
    if (!$HasBeenSuspended) {
        Set-AutomationVariable -Name 'HasBeenSuspended' -Value $True
        1 + "abc"
    }

    Write-Output "Runbook Complete"
}
```
**QUESTION 41**

Resources must authenticate to an identity provider. You need to configure the Azure Access Control.
service. What should you recommend?

To answer, select the appropriate responses for each requirement in the answer area.

**Hot Area:**

<table>
<thead>
<tr>
<th>Action</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>You must distribute an authorization token to a client when it authenticates against Windows Live ID.</td>
<td>Distribute an Identity Provider (IDP) token.</td>
</tr>
<tr>
<td></td>
<td>Distribute an Access Control Service token.</td>
</tr>
<tr>
<td></td>
<td>Distribute an Application Programming Interface (API) token</td>
</tr>
<tr>
<td>You must integrate an application with the Azure Access Control service.</td>
<td>Use WS-Trust.</td>
</tr>
<tr>
<td></td>
<td>Use Kerberos.</td>
</tr>
</tbody>
</table>

**Correct Answer:**

<table>
<thead>
<tr>
<th>Action</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>You must distribute an authorization token to a client when it authenticates against Windows Live ID.</td>
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</tr>
<tr>
<td></td>
<td>Distribute an Access Control Service token.</td>
</tr>
<tr>
<td></td>
<td>Distribute an Application Programming Interface (API) token</td>
</tr>
<tr>
<td>You must integrate an application with the Azure Access Control service.</td>
<td>Use WS-Trust.</td>
</tr>
<tr>
<td></td>
<td>Use Kerberos.</td>
</tr>
</tbody>
</table>

**Section:** (none)

**Explanation/Reference:**

**QUESTION 42**

Contoso, Ltd., uses Azure websites for their company portal sites. Admin users need enough access to effectively perform site monitoring or management tasks. You need to grant admin access to a group of 10 users. How should you configure the connection? To answer, drag the role or object to the correct connection setting. Each item 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.

**Select and Place:**
QUESTION 43

You are migrating Active Directory Domain Services (AD DS) domains to Azure. You need to recommend the least complex directory synchronization solution. What should you recommend?
### QUESTION 44

#### Correct Answer:

<table>
<thead>
<tr>
<th>Solutions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Directory Sync (DirSync) with Password Sync</td>
<td>Client requirements</td>
</tr>
<tr>
<td>Directory Sync (DirSync) with single sign-on (SSO)</td>
<td>Customize the user sign-in page.</td>
</tr>
<tr>
<td>Azure Access Control Service</td>
<td>Enable users to sign in and access cloud services using their on-premises password.</td>
</tr>
<tr>
<td></td>
<td>Ensure user authentications occur in the on-premises Active Directory.</td>
</tr>
<tr>
<td></td>
<td>Control password policies from the on-premises Active Directory.</td>
</tr>
</tbody>
</table>

---

**Section:** (none) **Explanation**

**Explanation/Reference:**
You have a web application on Azure. The web application does not employ Secure Sockets Layer (SSL). You need to enable SSL for your production deployment web application on Azure. 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.

Select and Place:

Correct Answer:

Section: (none) Explanation

Explanation/Reference:

QUESTION 45
You are designing a plan for testing a Windows Azure service. The service runs in the development fabric but fails on Windows Azure. You need to recommend an approach for identifying errors that occur when the service runs on Windows Azure. What should you recommend?

A. Attach a debugger to the Windows Azure role instance.
B. Analyze debugging information captured by Windows Azure Diagnostics.
C. Modify the service configuration for the Windows Azure role to access development storage.
D. Analyze debugging information written to the output window of the Windows Azure role instance.

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 46

You are designing a Windows Azure web application. The application will be accessible at a standard cloudapp.net URL. You need to recommend a DNS resource record type that will allow you to configure access to the application through a custom domain name. Which type should you recommend?

A. A
B. CNAME
C. MX
D. SRV

Correct Answer: B Section: (none)Explanation

Explanation/Reference:

QUESTION 47

You are designing a plan to migrate an existing application to Windows Azure. The application currently resides on a server that has 20 GB of hard disk space. You need to recommend the smallest compute instance size that provides local storage equivalent to that of the existing server. Which size should you recommend?

A. ExtraSmall
B. ExtraLarge
C. Small
D. Large
QUESTION 48

An application currently resides on an on-premises virtual machine that has 2 CPU cores, 4 GB of RAM, 20 GB of hard disk space, and a 10 megabit/second network connection. You plan to migrate the application to Azure. You have the following requirements:

- You must not make changes to the application.
- You must minimize the costs for hosting the application.

You need to recommend the appropriate virtual machine instance type. Which virtual machine tier should you recommend?

A. Network Optimized (A Series)
B. General Purpose Compute, Basic Tier (A Series)
C. General Purpose Compute, Standard Tier (A Series)
D. Optimized Compute (D Series)

Correct Answer: B

QUESTION 49

You are designing an Azure web application that includes many static content files. The application is accessed from locations all over the world by using a custom domain name. You need to recommend an approach for providing access to the static content with the least amount of latency. Which two actions should you recommend? Each correct answer presents part of the solution.

A. Place the static content in Azure Table storage
B. Configure a CNAME DNS record for the Azure Content Delivery Network (CDN) domain.
C. Place the static content in Azure Blob storage.
D. Configure a custom domain name that is an alias for the Azure Storage domain.

Correct Answer: BC

QUESTION 50
You are designing an Azure development environment. Team members learn Azure development techniques by training in the development environment. The development environment must auto scale and load balance additional virtual machine (VM) instances. You need to recommend the most cost-effective compute-instance size that allows team members to work with Azure in the development environment. What should you recommend?

A. Azure A1 standard VM Instance
B. Azure A2 basic VM Instance
C. Azure A3 basic VM Instance
D. Azure A9 standard VM Instance

Correct Answer: A

Explaination/Reference: Exam B

QUESTION 1

You are designing an Azure application that provides online backup storage for hundreds of media files. Each file is larger than 1GB. The data storage solution has the following requirements:

- It must be capable of storing an average of 1TB of data for each user.
- It must support sharing of data between all Windows Azure instances.
- It must provide random read/write access.

You need to recommend a durable data storage solution. What should you recommend?

A. Azure Drive
B. Azure Page Blob service
C. Azure Block Blob service
D. Local storage on an Azure instance

Correct Answer: B

Explaination/Reference:

QUESTION 2

You are designing an Azure web application. All users must authenticate by using Active Directory Domain Services (AD DS) credentials. You need to recommend an approach to enable single sign-on to the application for domain-authenticated users. Which two actions should you recommend? Each correct
answer presents part of the solution.

A. Use Forms authentication to generate claims

B. Use the SQL membership provider in the web application.

C. Use Windows Identity Foundation in the web application

D. Use Active Directory Federation Services (AD FS) to generate claims

Correct Answer: CD

Section: (none)
Explanation:

QUESTION 3

You need to recommend a test strategy for the disaster recovery system. What should you do? To answer, drag the appropriate test strategy to the correct business application. Each test strategy 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.

Select and Place:

<table>
<thead>
<tr>
<th>Test Strategies</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-premises to on-premises deployment</td>
<td>Business Application</td>
</tr>
<tr>
<td>Use Azure's on-premises to Azure deployment</td>
<td>Distribution Tracking</td>
</tr>
<tr>
<td>Use Azure's built-in cloud redundancy</td>
<td>Human Services</td>
</tr>
<tr>
<td></td>
<td>Metrics System</td>
</tr>
</tbody>
</table>

Correct Answer: Section: (none) Explanation

Explanation/Reference:

QUESTION 4

You need to plan the business continuity strategy. For each requirement, what should you recommend? To answer, select the appropriate option from each list in the answer area.

Hot Area:
You need to ensure that customer data is secured both in transit and at rest. Which technologies should you recommend? To answer, drag the appropriate technology to the correct security requirement. Each technology 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.

Select and Place:
**QUESTION 6**

You need to configure the distribution tracking application. What should you do?

A. Map each role to a single upgrade domain to optimize resource utilization

B. Design all services as stateless services.

C. Configure operations to queue when a role reaches its capacity

---

**Section: (none) Explanation**

**Explanation/Reference:**

**QUESTION 6**

You need to configure the distribution tracking application. What should you do?

A. Map each role to a single upgrade domain to optimize resource utilization

B. Design all services as stateless services.

C. Configure operations to queue when a role reaches its capacity
D. Configure multiple worker roles to run on each virtual machine

Correct Answer: D  Section: (none)  Explanation

Explanation/Reference:

**QUESTION 7**

You need to design a data storage strategy for each application. In the table below, identify the strategy that you should use for each application. Make only one selection in each column

**Hot Area:**

<table>
<thead>
<tr>
<th>Strategy</th>
<th>Human Resources Application</th>
<th>Metrics Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create separate SQL databases on individual virtual machines and partition appropriately.</td>
<td><img src="select.png" alt="Select option" /></td>
<td><img src="select.png" alt="Select option" /></td>
</tr>
<tr>
<td>Migrate the existing SQL database to a larger virtual machine.</td>
<td><img src="select.png" alt="Select option" /></td>
<td><img src="select.png" alt="Select option" /></td>
</tr>
<tr>
<td>Migrate the existing data to Azure table storage in the cloud.</td>
<td><img src="select.png" alt="Select option" /></td>
<td><img src="select.png" alt="Select option" /></td>
</tr>
</tbody>
</table>

Correct Answer:

<table>
<thead>
<tr>
<th>Strategy</th>
<th>Human Resources Application</th>
<th>Metrics Application</th>
</tr>
</thead>
<tbody>
<tr>
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<td><img src="select.png" alt="Select option" /></td>
<td><img src="select.png" alt="Select option" /></td>
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<td><img src="select.png" alt="Select option" /></td>
</tr>
<tr>
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<td><img src="select.png" alt="Select option" /></td>
<td><img src="select.png" alt="Select option" /></td>
</tr>
</tbody>
</table>
QUESTION 8 Case Study 3 - Contoso, Ltd.

You need to deploy the virtual machines to Azure. Which four Azure PowerShell scripts should you run in sequence? To answer, move the appropriate scripts from the list of scripts to the answer area and arrange them in the correct order.

Select and Place:
Correct Answer:
You need to recommend a solution for publishing one of the company websites to Azure and configuring the Azure environment accordingly.
it for remote debugging. Which two actions should you perform? Each correct answer presents part of the solution.

A. From Visual Studio, attach the debugger to the solution.

B. Set the application logging level to Verbose and enable logging.

C. Set the Web Server logging level to Information and enable logging.

D. Set the Web Server logging level to Verbose and enable logging.

E. From Visual Studio, configure the site to enable Debugger Attaching and then publish the site.

Correct Answer: AE  Section: (none)  Explanation

Explanation/Reference:

QUESTION 10

You need to recommend network connectivity solutions for the experimental applications. What should you recommend? To answer, drag the appropriate solution to the correct network connection requirements. Each solution 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.

Select and Place:

<table>
<thead>
<tr>
<th>Solutions</th>
<th>Answer Area</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>ExpressRoute</td>
<td>Network connection requirements</td>
<td></td>
</tr>
<tr>
<td>point-to-site VPN</td>
<td>A dedicated connection between one on-premises location and its development environment within Azure</td>
<td>Solution</td>
</tr>
<tr>
<td>site-to-site VPN</td>
<td>Encrypted Internet connection between one developer’s server and the development environment within Azure</td>
<td>Solution</td>
</tr>
<tr>
<td></td>
<td>Encrypted Internet connection between one on-premises location and its development environment within Azure</td>
<td>Solution</td>
</tr>
<tr>
<td></td>
<td>Most secure, highest bandwidth, lowest latency option for connecting an on-premises network to Azure</td>
<td>Solution</td>
</tr>
</tbody>
</table>

Correct Answer: Section: (none) Explanation
Correct Answer: Section: (none)

Explanation/Reference:

QUESTION 11

You need implement tools at the client's location for monitoring and deploying Azure resources. Which tools should you use? To answer, select the appropriate on-premises tool for each task in the answer area.

Hot Area:
<table>
<thead>
<tr>
<th>Task</th>
<th>On-premises tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deployment</td>
<td>Azure Automation, Operations Insight, System Center Orchestrator, System Center Operations Manager, System Center Virtual Machine Manager</td>
</tr>
<tr>
<td>Application health</td>
<td>Azure Automation, Operations Insight, System Center Orchestrator, System Center Operations Manager, System Center Virtual Machine Manager</td>
</tr>
</tbody>
</table>

**Explanation/Reference:**

**QUESTION 12**

You need to configure availability for the virtual machines that the company is migrating to Azure. What should you implement?

A. Traffic Manager  
B. Express Route  
C. Update Domains  
D. Cloud Services  

**Correct Answer:** C  
**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 13 Case Study 4 - Lucerne Publishing**

You need to ensure that the website scales. What should you do?

A. Deploy Traffic Manager and configure it to route user traffic to specified endpoints to other Azure datacenters  
B. Enter multiple DNS entries in each virtual network to route requests to other Azure datacenters.  
C. Set up a new Azure datacenter to Azure datacenter VPN to enable the solution to communicate across regions.
D. Use a virtual network to route network traffic in a single Azure datacenter

Correct Answer: A

Section: (none) Explanation

QUESTION 14

You need to analyze Lucerne's performance monitoring solution. Which three applications should you monitor? Each correct answer presents a complete solution.

A. The Lucerne Media-D application
B. The data mining application
C. The Lucerne Media-W application
D. The Lucerne Media-M app
E. The Lucerne Media-N app

Correct Answer: CDE

Section: (none) Explanation

QUESTION 15

You need to configure the deployment of the storage analysis application. What should you do?

A. Create a new Mobile Service
B. Configure the deployment from source control
C. Add a new deployment slot
D. Turn on continuous integration.

Correct Answer: B

Section: (none) Explanation

QUESTION 16

You need to recommend an appropriate solution for the data mining requirements. Which solution should you recommend?

A. Design a schedule process that allocates tasks to multiple virtual machines, and use the Azure Portal to create new VMs as needed.
B. Use Azure HPC Scheduler Tools to schedule jobs and automate scaling of virtual machines.
C. Use Traffic Manager to allocate tasks to multiple virtual machines, and use the Azure Portal to spin up new virtual machines as needed.

D. Use Windows Server HPC Pack on-premises to schedule jobs and automate scaling of virtual machines in Azure

Correct Answer: B

Section: (none)

Explanation/Reference:

QUESTION 17

The company has two corporate offices. Customers will access the websites from datacenters around the world.

You need to architect the global website strategy to meet the business requirements. Use the drop-down menus to select the answer choice that answers each question.

Hot Area:
Correct Answer:

Section: (none) Explanation

Explanation/Reference:

QUESTION 18

You need to recommend strategies for storing data. Which services should you recommend? To answer, select the appropriate storage technology for each data type in the answer area.

Hot Area:
<table>
<thead>
<tr>
<th>Data Type</th>
<th>Storage Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Media metadata</td>
<td>Azure Queue Storage service</td>
</tr>
<tr>
<td></td>
<td>Azure Media Services</td>
</tr>
<tr>
<td></td>
<td>Azure Mobile Services</td>
</tr>
<tr>
<td></td>
<td>Database using REST</td>
</tr>
<tr>
<td>Images</td>
<td>Azure Queue Storage service</td>
</tr>
<tr>
<td></td>
<td>Azure Media Services</td>
</tr>
<tr>
<td></td>
<td>Azure Mobile Services</td>
</tr>
<tr>
<td></td>
<td>SQL Database using REST</td>
</tr>
<tr>
<td>Audio</td>
<td>Azure Queue Storage service</td>
</tr>
<tr>
<td></td>
<td>Azure Media Services</td>
</tr>
<tr>
<td></td>
<td>Azure Mobile Services</td>
</tr>
<tr>
<td></td>
<td>SQL Database using REST</td>
</tr>
<tr>
<td>Video</td>
<td>Azure Queue Storage service</td>
</tr>
<tr>
<td></td>
<td>Azure Media Services</td>
</tr>
<tr>
<td></td>
<td>Azure Mobile Services</td>
</tr>
<tr>
<td></td>
<td>SQL Database using REST</td>
</tr>
</tbody>
</table>
### QUESTION 19 Case Study 5 - Northwind Traders

You need to recommend the appropriate technology to provide the predictive analytics for passenger pickup. What should you do?

A. Use Power BI to analyze the traffic data and PowerPivot to categorize the results.
B. Use HDInsight to analyze the traffic data and write a .NET program to categorize the results.
C. Use Machine Learning Studio to create a predictive model and publish the results as a web service.
D. Use Hadoop on-premises to analyze the traffic and produce a report that shows high traffic zones.

---

<table>
<thead>
<tr>
<th>Data Type</th>
<th>Storage Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Media metadata</td>
<td>Azure Queue Storage service, Azure Media Services, Azure Mobile Services, Database using REST</td>
</tr>
<tr>
<td>Images</td>
<td>Azure Queue Storage service, Azure Media Services, Azure Mobile Services, SQL Database using REST</td>
</tr>
<tr>
<td>Audio</td>
<td>Azure Queue Storage service, Azure Media Services, Azure Mobile Services, SQL Database using REST</td>
</tr>
<tr>
<td>Video</td>
<td>Azure Queue Storage service, Azure Media Services, Azure Mobile Services, SQL Database using REST</td>
</tr>
</tbody>
</table>
Correct Answer: C Section: (none) Explanation

Explanation/Reference: QUESTION 20

You need to recommend the appropriate technology to provide the predictive analytics for passenger pickup. What should you do?

A. Use Power BI to analyze the traffic data and PowerPivot to categorize the results.
B. Use HDInsight to analyze the traffic data and write a .NET program to categorize the results
C. Use Machine Learning Studio to create a predictive model and publish the results as a web service
D. Use Hadoop on-premises to analyze the traffic and produce a report that shows high traffic zones.

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 21

You need to design the authentication solution for the NorthRide app. Which solution should you use?

A. Azure Active Directory Basic with multi-factor authentication for the cloud and on-premises users
B. Active Directory Domain Services with mutual authentication
C. Azure Active Directory Premium and add multi-factor authentication the for cloud users
D. Active Directory Domain Services with multi-factor authentication

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 22

You need to design the notification service for the customer-facing mobile app. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:
### QUESTION 23

**Correct Answer:**

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Update the mobile service script to send push notifications.</td>
<td></td>
</tr>
<tr>
<td>Connect the mobile app to the mobile service.</td>
<td></td>
</tr>
<tr>
<td>Push a notification to the target applications.</td>
<td></td>
</tr>
<tr>
<td>Configure a notification hub.</td>
<td>Configure a notification hub.</td>
</tr>
<tr>
<td>Connect the mobile app to the notification hub.</td>
<td>Connect the mobile app to the notification hub.</td>
</tr>
<tr>
<td>Configure Mobile Services for push notifications.</td>
<td>Update the mobile service script to send push notifications.</td>
</tr>
</tbody>
</table>

**Section:** (none)

**Explanation/Reference:**

70-534 209Questions Architecting Microsoft Azure Solutions Practice
You need to provide a data access solution for the NorthRide app. 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.

**Select and Place:**

**Correct Answer:**

**Section:** (none) **Explanation**

**Explanation/Reference:**
QUESTION 24
You need to recommend a solution that meets the requirements for data storage for the NorthRide app. What should you include in the recommendation?

A. Azure Remote App
B. Azure Service Bus
C. Azure Connect
D. Azure SQL Database

Correct Answer: D  

Explanation/Reference:

QUESTION 25
Which two actions should you recommend performing in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Correct Answer: Section: (none) Explanation
You need to design the mobile service storage architecture for NorthRideFinder. Which solutions should you recommend? To answer, select the appropriate solutions in the answer area.

**Correct Answer:**

<table>
<thead>
<tr>
<th>Objective</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add users</td>
<td>Custom table Insert operation</td>
</tr>
<tr>
<td></td>
<td>Custom table Read operation</td>
</tr>
<tr>
<td></td>
<td>Custom BLOB Insert operation</td>
</tr>
<tr>
<td></td>
<td>Custom BLOB Read operation</td>
</tr>
<tr>
<td>Access profile data</td>
<td>Custom table Insert operation</td>
</tr>
<tr>
<td></td>
<td>Custom table Read operation</td>
</tr>
<tr>
<td></td>
<td>Custom BLOB Insert operation</td>
</tr>
<tr>
<td></td>
<td>Custom BLOB Read operation</td>
</tr>
</tbody>
</table>
You need to recommend the steps required to deploy the Northwind Electric Cars website. Which three actions should you recommend performing in sequences? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**

**Actions**

- Scale the WebJob separately from the websites to spread web traffic loads.
- Publish a frontend site to an Azure web app, and publish a WebJob backend to a separate Azure web app.
- Publish an application with a WebJob backend to an Azure web app.
- Create an Azure storage account.
- Schedule the WebJob to run at non-peak times.

**Answer:**

[Actions Table]

<table>
<thead>
<tr>
<th>Objective</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add users</td>
<td>Custom table Insert operation</td>
</tr>
<tr>
<td></td>
<td>Custom table Read operation</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>Custom BLOB Read operation</td>
</tr>
<tr>
<td>Access profile data</td>
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</tr>
<tr>
<td></td>
<td>Custom table Read operation</td>
</tr>
<tr>
<td></td>
<td>Custom BLOB Insert operation</td>
</tr>
<tr>
<td></td>
<td>Custom BLOB Read operation</td>
</tr>
</tbody>
</table>
QUESTION 28

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 should you do?

A. Use the Management Portal to configure TestWebServiceVM
B. Use RDP to configure TestWebServiceVM.
C. Run the Set-AzureStaticVNetIP PowerShell cmdlet.
D. Run the Get-AzureReservedIP PowerShell cmdlet.

Correct Answer: C

QUESTION 29

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 should you do?

A. Use the Management Portal to configure TestWebServiceVM
B. Use RDP to configure TestWebServiceVM.
C. Run the Set-AzureStaticVNetIP PowerShell cmdlet.
D. Run the Get-AzureReservedIP PowerShell cmdlet.

Correct Answer: C
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.

Correct Answer: ACE Section: (none)Explanation

Explanation/Reference:

QUESTION 30

A company creates an API and makes it accessible on an Azure website. External partners use the API occasionally. The website uses the Standard web hosting plan. Partners report that the first API call in a sequence of API calls occasionally takes longer than expected to run. Subsequent API calls consistently perform as expected. You need to ensure that all API calls perform consistently. What should you do?

A. Configure the website to use the Basic web hosting plan
B. Enable Always On support.
C. Configure the website to automatically scale.
D. Add a trigger to the web.config file for the website that causes the website to recycle periodically

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 31
You are converting an existing ASP.NET web application to use the Azure Active Directory (AD) Access Control service for authentication. The application will authenticate users by using their Yahoo account credentials. You need to determine the correct payload for each stage of the authentication process. What should you do? To answer, drag the appropriate payload format to the correct location on the dialog box. Each payload format 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.

Select and Place:

Correct Answer: Section: (none)Explanation
You have a cloud service that runs an external process that is named MyStartupTask.cmd. The cloud service runs this external process when the web role starts. The external process writes information to the Windows registry. You set the value of an environment variable named MyID to the deployment ID for the current web role instance. The external process must complete writing the information to the Windows registry before the web role starts to accept web traffic. You need to configure the cloud service. How should you complete the relevant markup? To answer, select the appropriate option or options in the answer area.

Hot Area:
Correct Answer:
QUESTION 33

You have an Azure SQL Database named Contosodb. Contosodb is running in the Standard/S2 tier and has a service level objective of 99 percent. You review the service tiers in Microsoft Azure SQL Database as well as the results of running performance queries for the usage of the database for the past week as shown in the exhibits. (Click the Exhibits button.)

<table>
<thead>
<tr>
<th>Average CPU Utilization in Percent</th>
<th>Maximum CPU Utilization in Percent</th>
<th>Average Physical Data Read Utilization in Percent</th>
<th>Maximum Physical Data Read Utilization in Percent</th>
<th>Average Log Write Utilization in Percent</th>
<th>Maximum Log Write Utilization in Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.4</td>
<td>93.1</td>
<td>21.0</td>
<td>48.0</td>
<td>21.7</td>
<td>61.0</td>
</tr>
</tbody>
</table>
For each of the following statements, select Yes if the statement is true. Otherwise, select No.

**Hot Area:**

<table>
<thead>
<tr>
<th>Statement</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>The database can be moved to the Basic tier without compromising performance.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The database can be moved to the Standard/S1 tier without compromising performance.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The database must be moved to the Premium/P1 tier to satisfy the service level objective.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Correct Answer:**

<table>
<thead>
<tr>
<th>Statement</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>The database can be moved to the Basic tier without compromising performance.</td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>The database must be moved to the Premium/P1 tier to satisfy the service level objective.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Section:** (none)

**Explanation/Reference:**

**QUESTION 34**

You manage a virtual Windows Server 2012 web server that is hosted by an on-premises Windows
Hyper-V server. You plan to use the virtual machine (VM) in Azure. You need to migrate the VM to Azure Storage to add it to your repository. Which Azure PowerShell cmdlet should you use?

A. Import-AzureVM
B. New-AzureVM
C. Add-AzureDisk
D. Add-AzureWebRole
E. Add-AzureVhd

Correct Answer: C
Section: (none)
Explanation

QUESTION 35
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

Correct Answer: D
Section: (none)
Explanation

QUESTION 36
You manage several Azure virtual machines (VMs). You create a custom image to be used by employees on the development team. You need to ensure that the custom image is available when you deploy new servers. Which Azure PowerShell cmdlet should you use?

A. Update-AzureVMImage
B. Add-AzureVhd
C. Add-AzureVMImage
D. Update-AzureDisk
QUESTION 37

You administer an Azure Storage account named contosostorage. The account has a blob container to store image files. A user reports being unable to access an image file. You need to ensure that anonymous users can successfully read image files from the container. Which log entry should you use to verify access?

A. Option A

B. Option B

C. Option C

D. Option D

A. Option A
B. Option B
C. Option C
D. Option D

Correct Answer: A  Section: (none)  Explanation

Explanation/Reference:

QUESTION 38

You manage a software-as-a-service application named SaasApp1 that provides user management features in a multi-directory environment. You plan to offer SaasApp1 to other organizations that use Azure Active Directory. You need to ensure that SaasApp1 can access directory objects. What should you do?

A. Configure the Federation Metadata URL
B. Register SaasApp1 as a native client application
C. Register SaasApp1 as a web application
D. Configure the Graph API.

Correct Answer: D  Section: (none)  Explanation

Explanation/Reference:

QUESTION 39

Drag and Drop Question  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 fromcontosoweb.
- 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

Select and Place:
Correct Answer:
QUESTION 40

Your company is launching a public website that allows users to stream videos. You upload multiple video files to an Azure storage container. You need to give anonymous users read access to all of the video files in the storage container. What should you do?

A. Edit each blob's metadata and set the access policy to Public Blob.

B. Edit the container metadata and set the access policy to Public Container.

C. Move the files into a container sub-directory and set the directory access level to Public Blob.
D. Edit the container metadata and set the access policy to Public Blob.

Correct Answer: D  Section: (none)  Explanation

Explanation/Reference:

QUESTION 41

Your development team has created a new solution that is deployed in a virtual network named fabDevVNet. Your testing team wants to begin testing the solution in a second Azure subscription. You need to create a virtual network named fabTestVNet that is identical to fabDevVNet. You want to achieve this goal by using the least amount of administrative effort. 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.

Select and Place:

Correct Answer: Section: (none) Explanation
QUESTION 42

You have a solution deployed into a virtual network in Azure named fabVNet. The fabVNet virtual network has three subnets named Apps, Web, and DB that are configured as shown in the exhibit. (Click the Exhibits button.)
You want to deploy two new VMs to the DB subnet. You need to modify the virtual network to expand the size of the DB subnet to allow more IP addresses. 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.

Select and Place: Correct Answer:
<table>
<thead>
<tr>
<th>Action</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Empty and delete the Web Subnet.</td>
<td></td>
</tr>
<tr>
<td>Empty and reconfigure the DB subnet to be larger.</td>
<td></td>
</tr>
<tr>
<td>Empty and delete the Virtual Network.</td>
<td></td>
</tr>
<tr>
<td>Empty and reconfigure the Web subnet to be larger.</td>
<td></td>
</tr>
<tr>
<td>Recreate the Virtual Network as now required.</td>
<td></td>
</tr>
<tr>
<td>Create the Web subnet to be larger.</td>
<td></td>
</tr>
<tr>
<td>Empty and delete the DB Subnet.</td>
<td></td>
</tr>
<tr>
<td>Create the DB subnet to be larger.</td>
<td></td>
</tr>
</tbody>
</table>
QUESTION 43

Your network environment includes remote employees. You need to create a secure connection for the remote employees who require access to your Azure virtual network. What should you do?

A. Deploy Windows Server 2012 RRAS
B. Configure a point-to-site VPN
C. Configure an ExpressRoute.
D. Configure a site-to-site VPN.

Correct Answer: B

QUESTION 44
A company creates an Azure worker role to manage products. The number of customers who inquire about how many products are in inventory rapidly increases. You need to ensure that the worker role can scale to accommodate the increased workload.

How should you complete the relevant code? To answer, select the appropriate option or options in the answer area.

Hot Area:

Section: (none) Explanation

Explanation/Reference:

QUESTION 45

You administer an Azure Storage account with a blob container. You enable Storage account logging for read, write and delete requests. You need to reduce the costs associated with storing the logs. What
should you do?

A. Execute Delete Blob requests over https.
B. Create an export job for your container
C. Set up a retention policy.
D. Execute Delete Blob requests over http.

Correct Answer: C  Section: (none)  Explanation

Explanation/Reference:

QUESTION 46

You connect to an existing service over the network by using HTTP. The service listens on HTTP port 80. You plan to create a test environment for this existing service by using an Azure virtual machine (VM) that runs Windows Server. The service must be accessible from the public Internet over HTTP port 8080. You need to configure the test environment. Which two actions should you take? Each correct answer presents part of the solution

A. Configure an endpoint to route traffic from port 8080 to port 80.
B. Configure an endpoint to route traffic from port 80 to port 8080
C. Ensure that the public IP address is configured as a static IP address.
D. Configure the Windows Server firewall to allow incoming and outgoing traffic on port 8080
E. Configure the Windows Server firewall to allow incoming and outgoing traffic on port 80

Correct Answer: AE  Section: (none)  Explanation

Explanation/Reference:

QUESTION 47

Your company manages several Azure Web Sites that are running in an existing web-hosting plan named plan1. You need to move one of the websites, named contoso, to a new web-hosting plan named plan2. Which Azure PowerShell cmdlet should you use with each PowerShell command line? To answer, drag the appropriate Azure PowerShell cmdlet to the correct location in the PowerShell code. Each PowerShell cmdlet 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.

Select and Place:
QUESTION 48

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.

Hot Area:
Correct Answer: Section: (none) Explanation

Explanation/Reference:

QUESTION 49

Your company network includes two branch offices. Users at the company access internal virtual machines (VMs). You want to ensure secure communications between the branch offices and the internal VMs and network. You need to create a site-to-site VPN connection. What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

A. a private IPv4 IP address and a compatible VPN device
B. a private IPv4 IP address and a RRAS running on Windows Server 2012
C. a public-facing IPv4 IP address and a compatible VPN device
D. a public-facing IPv4 IP address and a RRAS running on Windows Server 2012

Correct Answer: CD Section: (none) Explanation
QUESTION 50

You administer a DirSync server configured with Azure Active Directory (Azure AD). You need to provision a user in Azure AD without waiting for the default DirSync synchronization interval. What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

A. Restart the DirSync server
B. Run the Start-OnlineCoexistenceSync PowerShell cmdlet.
C. Run the Enable-SyncShare PowerShell cmdlet.
D. Run the Azure AD Sync tool Configuration Wizard.
E. Replicate the Directory in Active Directory Sites and Services.

Correct Answer: BD

Explanation/Reference: Exam C

QUESTION 1

An application sends Azure push notifications to a client application that runs on Windows Phone, iOS, and Android devices. Users cannot use the application on some devices. The authentication mechanisms that the application uses are the source of the problem. You need to monitor the number of notifications that failed because of authentication errors. Which three metrics should you monitor? Each correct answer presents part of the solution.

A. Microsoft Push Notification Service (MPNS) authentication errors
B. External notification system errors
C. Apple Push Notification Service (APNS) authentication errors
D. Channel errors
E. Windows Push Notification Services (WNS) authentication errors
F. Google Cloud Messaging (GCM) authentication errors

Correct Answer: F

Explanation/Reference: Exam C

QUESTION 2

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.

**Correct Answer:** AC  **Section:** (none)  **Explanation**

**Explanation/Reference:**

**QUESTION 3**

You manage a cloud service on two instances. The service name is Service1 and the role name is ServiceRole1. Service1 has performance issues during heavy traffic periods. You need to increase the existing deployment of Service1 to three instances. Which Power Shell cmdlet should you use?

A. PS C:\>Set-AzureService -ServiceName "Service1" -Label "ServiceRole1" -Description "Instance count=3"
B. PS C:\>Set-AzureRole -ServiceName "Service1" -Slot "Production" -RoleName "ServiceRole1" -Count
C. PS C:\>Add-AzureWebRole -Name 'ServiceRole1" -Instances 3
D. PS C:\> $instancecount = New-Object Hashtable$settings['INSTANCECOUNT=3] PS C:\> Set-AzureWebsite -AppSettings $instancecount ServiceRole1

**Correct Answer:** B  **Section:** (none)  **Explanation**

**Explanation/Reference:**

**QUESTION 4**

You deploy a new version of a cloud-service application to a staging slot. The application consists of one web role. You prepare to swap the new version of the application into the production slot. Your Azure account has access to multiple Azure subscriptions. You load the Azure PowerShell cmdlets into the Windows PowerShell command shell. The command shell is NOT configured for certificate-based authentication. You must use the Windows PowerShell command window to configure the application. You need to create five instances of the web role. How should you configure the relevant Windows
PowerShell script?

**Hot Area:**

**Answer Area**

```powershell
$subscription = 'mysubscription'
和服务 = 'myservice'
$rolemame = 'myrole'

Add-AzureAccount
Get-AzureAccount -Name $subscription
Get-AzureAccount

Select-AzureSubscription -SubscriptionName $subscription
Set-AzureSubscription -SubscriptionName $subscription
Set-AzureSubscription -SubscriptionId $subscription

Set-AzureRole -ServiceName $service -Slot Staging -RoleName $rolemame -Count 5
Set-AzureRole -ServiceName $service -RoleName $rolemame -Count 5
Set-AzureRole -ServiceName $service -Slot Production -RoleName $rolemame -Count 5
Add-AzureWebRole -Name $service -Instances 5
```

**Correct Answer:** Section: (none)
**Explanation**
Explanation/Reference:

QUESTION 5

Your company has a subscription to Azure. You configure your contoso.com domain to use a private Certificate Authority. You deploy a web site named MyApp by using the Shared (Preview) web hosting plan. You need to ensure that clients are able to access the MyApp website by using https. What should you do?

A. Back up the Site and import into a new website.

B. Use the internal Certificate Authority and ensure that clients download the certificate chain.

C. Add custom domain SSL support to your current web hosting plan.

D. Change the web hosting plan to Standard

Correct Answer: D  
Section: (none)  
Explanation

Explanation/Reference:

QUESTION 6
You manage a cloud service that hosts a customer-facing application. The application allows users to upload images and create collages. The cloud service is running in two medium instances and utilizes Azure Queue storage for image processing. The storage account is configured to be locally redundant. The sales department plans to send a newsletter to potential clients. As a result, you expect a significant increase in global traffic. You need to recommend a solution that meets the following requirements:

- Configure the cloud service to ensure the application is responsive to the traffic increase.
- Minimize hosting and administration costs.

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

A. Configure the cloud service to run in two Large instances.
B. Configure the cloud service to auto-scale to three instances when processor utilization is above 80%.
C. Configure the storage account to be geo-redundant.
D. Deploy a new cloud service in a separate data center. Use Azure Traffic Manager to load balance traffic between the cloud services.
E. Configure the cloud service to auto-scale when the queue exceeds 1000 entries per machine.

Correct Answer: BE  

Explanation/Reference:

QUESTION 7

You manage an application running on Azure Web Sites Standard tier. The application uses a substantial amount of large image files and is used by people around the world. Users from Europe report that the load time of the site is slow. You need to implement a solution by using Azure services. Which two actions will achieve the goal? Each correct answer presents a complete solution.

A. Configure Azure blob storage with a custom domain.
B. Configure Azure CDN to cache all responses from the application web endpoint.
C. Configure Azure Web Site auto-scaling to increase instances at high load.
D. Configure Azure CDN to cache site images and content stored in Azure blob storage.

Correct Answer: AD  

Explanation/Reference:
You manage a public-facing web application which allows authenticated users to upload and download large files. On the initial public page there is a promotional video. You plan to give users access to the site content and promotional video. In the table below, identify the access method that should be used for the anonymous and authenticated parts of the application. Make only one selection in each column.

**Hot Area:**

<table>
<thead>
<tr>
<th>Access Method</th>
<th>Anonymous</th>
<th>Authenticated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create an Access Policy per user and provide Read and Write access to the blob files by using Shared Access Signatures.</td>
<td><img src="image1.png" alt="Selection" /></td>
<td><img src="image2.png" alt="Selection" /></td>
</tr>
<tr>
<td>Create Ad-Hoc Shared Access Signatures to provide read-only access to the blob files.</td>
<td><img src="image3.png" alt="Selection" /></td>
<td><img src="image4.png" alt="Selection" /></td>
</tr>
<tr>
<td>Create Ad-Hoc Shared Access Signatures to provide Read and Write access to the blob files.</td>
<td><img src="image5.png" alt="Selection" /></td>
<td><img src="image6.png" alt="Selection" /></td>
</tr>
<tr>
<td>Make the blob container public.</td>
<td><img src="image7.png" alt="Selection" /></td>
<td><img src="image8.png" alt="Selection" /></td>
</tr>
</tbody>
</table>

**Correct Answer:**
QUESTION 9

You are developing an Azure cloud service for a company. The cloud service monitors a queue for incoming messages and then processes invoices based on the contents of these messages. Some messages are formed incorrectly and cause exceptions. There is no time limit for how long the service takes to process an individual message. All messages must be processed at least once by using the ProcessMessage method. Messages must not be processed more than twice by using the ProcessMessage method. Messages that fail normal processing must be processed by using the ProcessPoisonMessage method. You need to configure message processing. How should you complete the relevant code? To answer, select the appropriate option or options in the answer area.

Hot Area:
private bool ProcessNextQueueMessage(CloudQueue cloudQueue)
{
    var msg = cloudQueue.GetMessage();
    if (msg == null) return false;
    if (msg.DequeueCount > 0) return false;
    if (msg.PopReceipt == null) return false;
    if (msg.ExpirationTime.HasValue) return false;
    if (msg == null)
        if (msg.DequeueCount > 0)
            if (msg.DequeueCount > 2)
                if (msg.PopReceipt == null)

        ProcessPoisonMessage(msg);
    else
        ProcessMessage(msg);
    cloudQueue.Delete();
    cloudQueue.DeleteMessage(msg);
    cloudQueue.EndAddMessage(null);
    cloudQueue.DeleteMessage(null);
    return true;
}
QUESTION 10

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 configure Azure Web Sites. 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.

Explaination/Reference:
<table>
<thead>
<tr>
<th>Setting</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>.NET Framework Version</td>
<td>V3.5, V4.5</td>
</tr>
<tr>
<td>PHP Version</td>
<td>OFF, 5.3, 5.4, 5.5</td>
</tr>
<tr>
<td>Java Version</td>
<td>OFF, 1.7.0_51</td>
</tr>
<tr>
<td>Python Version</td>
<td>OFF, 2.7.3, 3.4.0</td>
</tr>
<tr>
<td>Managed Pipeline Mode</td>
<td>Classic, Integrated</td>
</tr>
<tr>
<td>Platform</td>
<td>32-Bit, 64-Bit</td>
</tr>
<tr>
<td>Web Sockets</td>
<td>On, Off</td>
</tr>
<tr>
<td>Always On</td>
<td>On, Off</td>
</tr>
</tbody>
</table>

**Correct Answer:**

- .NET Framework Version: V4.5
- PHP Version: 5.4
- Java Version: 1.7.0_51
- Python Version: 3.4.0
- Managed Pipeline Mode: Integrated
- Platform: 64-Bit
- Web Sockets: Off
- Always On: Off
QUESTION 11

You plan to deploy an application as a cloud service. The application uses a virtual network to extend your on-premises network into Azure. You need to configure a site-to-site VPN for cross-premises network connections. Which two objects should you configure? Each correct answer presents part of the solution.
QUESTION 12

You have a WebJob object that runs as part of an Azure website. The WebJob object uses features from the Azure SDK for .NET. You use a well-formed but invalid storage key to create the storage account that you pass into the UploadDataToAzureStorage method. The WebJob object contains the following code segment. Line numbers are included for reference only.

```csharp
void UploadDataToAzureStorage(CloudStorageAccount storageAccount,
                                string storageContainerName, string blobpath, string localpath)
{
    var blobClient = storageAccount.CreateCloudBlobClient();
    var container = blobClient.GetContainerReference(storageContainerName);
    CloudBlockBlob blockBlob = container.GetBlockBlobReference(blobpath);
    blockBlob.UploadFromFile(localpath, FileMode.Open);
}
```

Hot Area:

**Answer Area**

If the storage container does not already exist when the code runs, a file can still be uploaded successfully.

If a transient fault occurs when the code segment on line 06 runs, the Azure SDK will attempt to upload the file again.

The code segment at line 06 will fail when the code runs.

Correct Answer:
QUESTION 13

You administer an Azure Virtual Machine (VM) named CON-CL1. CON-CL1 is in a cloud service named ContosoService1. You want to create a new VM named MyApp that will have a fixed IP address and be hosted by an Azure Datacenter in the US West region. You need to assign a fixed IP address to the MyApp VM. Which Azure Power Shell cmdlets and values should you use? To answer, drag the appropriate cmdlet or value to the correct location in the PowerShell command. Each cmdlet or value 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.

Select and Place:

Correct Answer: Section: (none) Explanation
QUESTION 14
You manage an Azure subscription with virtual machines (VMs) that are running in Standard mode. You need to reduce the storage costs associated with the VMs. What should you do?

A. Locate and remove orphaned disks
B. Add the VMs to an affinity group.
C. Change VMs to the Basic tier.
D. Delete the VHD container

Correct Answer: C

Explanation/Reference:

QUESTION 15
You manage a web application published to Azure Cloud Services. Your service level agreement (SLA) requires that you are notified in the event of poor performance from customer locations in the US, Asia, and Europe. You need to configure the Azure Management Portal to notify you when the SLA performance targets are not met. What should you do?

A. Create an alert rule to monitor web endpoints
B. Create a Notification Hub alert with response time metrics.

C. Add an endpoint monitor and alert rule to the Notification Hub.

D. Configure the performance counter on the cloud service.

Correct Answer: A

Explanation/Reference:

QUESTION 16

Your company has recently signed up for Azure. You plan to register a Data Protection Manager (DPM) server with the Azure Backup service. You need to recommend a method for registering the DPM server with the Azure Backup vault. What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

A. Import a self-signed certificate created using the makecert tool

B. Import a self-signed certificate created using the createcert tool

C. Import an X.509 v3 certificate with valid clientauthentication EKU.

D. Import an X.509 v3 certificate with valid serverauthentication EKU.

Correct Answer: AC

Explanation/Reference:

QUESTION 17

Your company plans to migrate from On-Premises Exchange to Exchange Online in Office 365. You plan to integrate your existing Active Directory Domain Services (AD DS) infrastructure with Azure AD. You need to ensure that users can log in by using their existing AD DS accounts and passwords. You need to achieve this goal by using minimal additional systems. Which two actions should you perform? Each answer presents part of the solution.

A. Configure Password Sync.

B. Set up a DirSync Server

C. Set up an Active Directory Federation Services Server

D. Set up an Active Directory Federation Services Proxy Server

Correct Answer: BC

Explanation/Reference:
**QUESTION 18**

You administer an Azure Active Directory (Azure AD) tenant. You add a custom application to the tenant. The application must be able to:

- Read data from the tenant directly.
- Write data to the tenant on behalf of a user.

In the table below, identify the permission that must be granted to the application. Make only one selection in each column.

**Hot Area:**

<table>
<thead>
<tr>
<th>Permission</th>
<th>Application Permission</th>
<th>Delegated Permission</th>
</tr>
</thead>
<tbody>
<tr>
<td>Read and write directory data.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Read directory data.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Access your organization’s directory.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enable sign-on and read users’ profiles.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Correct Answer:**
You deploy an application as a cloud service to Azure. The application contains a web role to convert temperatures between Celsius and Fahrenheit. The application does not correctly convert temperatures. You must use Microsoft Visual Studio to determine why the application does not correctly convert temperatures. You need to debug the source code in 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.

Select and Place:
**Correct Answer: Section: (none)**

**Explanation**

**Actions**

| Attach the debugger to the role instance of the cloud service. |
| Publish the application. |
| In the Microsoft Azure Publish Settings dialog, set the build configuration to **Release** and enable the remote debugger for all roles. |
| In the Windows Azure Publish Settings dialog, set the build configuration to **Debug**. |
| In the Microsoft Azure Publish Settings dialog, enable Remote Desktop for cloud configuration and enable the remote debugger for all roles. |

**Answer Area**

| Publish the application. |
| In the Microsoft Azure Publish Settings dialog, set the build configuration to **Release** and enable the remote debugger for all roles. |
| Attach the debugger to the role instance of the cloud service. |

**Explanation/Reference:**

**QUESTION 20**
You develop a set of Power Shell scripts that will run when you deploy new virtual machines (VMs). You need to ensure that the scripts are executed on new VMs. You want to achieve this goal by using the least amount of administrative effort. What should you do?

A. Create a new GPO to execute the scripts as a logon script.
B. Create a SetupComplete.cmd batch file to call the scripts after the VM starts.
C. Create a new virtual hard disk (VHD) that contains the scripts.
D. Load the scripts to a common file share accessible by the VMs.
E. Set the VMs to execute a custom script extension

Correct Answer: E

Section: (none)

Explanation/Reference:

QUESTION 21

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

Correct Answer: A

Section: (none)

Explanation/Reference:

QUESTION 22

You are developing a messaging solution for a financial services company named Adatum. The solution must integrate an application named Enrollment and an application named Activation. The Enrollment application is used to enroll new customers. The Activation application is used to activate accounts for new customers. You need to ensure that each message that the Enrollment application sends is stored in a queue for ten minutes before the Activation application uses the message. How should you complete the relevant code? To answer, select the appropriate option or options in the answer area.

Hot Area:
var address = ServiceBusEnvironment.CreateServiceUri("sb\msmq\adatum.servicebus.adatum.servicebus.windows.net/activate", string.Empty);

var ns = new NamespaceManager_ServiceBusNamespaceSettings
{
    OperationTimeout = 100000
};
ns.CreateQueue("ActivationQueue");

Correct Answer:
You manage two solutions in separate Azure subscriptions. You need to ensure that the two solutions can communicate on a private network. Which three actions should you perform in sequence?
<table>
<thead>
<tr>
<th>Action</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check ExpressRoute on the virtual network configuration page.</td>
<td></td>
</tr>
<tr>
<td>Update the connection certificate.</td>
<td></td>
</tr>
<tr>
<td>Create the static routing gateways.</td>
<td></td>
</tr>
<tr>
<td>Connect the VPN gateways.</td>
<td></td>
</tr>
<tr>
<td>Add local networks to the VNets.</td>
<td></td>
</tr>
<tr>
<td>Run Set-AzureVNetIP PowerShell cmdlet.</td>
<td></td>
</tr>
<tr>
<td>Create the dynamic routing gateways.</td>
<td></td>
</tr>
<tr>
<td>Edit the ACL on the virtual network gateway to accept connections.</td>
<td></td>
</tr>
</tbody>
</table>

**Correct Answer:**
**QUESTION 24**

You use the Windows PowerShell Desired State Configuration (DSC) feature to configure your company's servers. Line numbers are included for reference only.

<table>
<thead>
<tr>
<th>Action</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Check ExpressRoute on the virtual network configuration page.</td>
<td>Add local networks to the VNets.</td>
</tr>
<tr>
<td>Update the connection certificate.</td>
<td>Create the dynamic routing gateways.</td>
</tr>
<tr>
<td>Create the static routing gateways.</td>
<td>Connect the VPN gateways.</td>
</tr>
<tr>
<td>Run Set-AzureVNetIP PowerShell cmdlet.</td>
<td></td>
</tr>
<tr>
<td>Edit the ACL on the virtual network gateway to accept connections.</td>
<td></td>
</tr>
</tbody>
</table>
Hot Area:

Answer Area

The script configures SNMP service on all servers.  

The script configures the Web Server (IIS) role on Server3.  

Invoking the script within Windows PowerShell applies the desired state to all servers.  

Correct Answer:
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.

Select and Place:
**Correct Answer: Section: (none)Explanation**

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fix the issues in contosoweb.</td>
<td>Point contosoweb to the production database.</td>
</tr>
<tr>
<td></td>
<td>Point contosoweb-staging to the test database.</td>
</tr>
<tr>
<td></td>
<td>Fix the issues in contosoweb-staging.</td>
</tr>
<tr>
<td></td>
<td>Swap contosoweb-staging to contosoweb.</td>
</tr>
<tr>
<td></td>
<td>Point contosoweb-staging to the production database.</td>
</tr>
<tr>
<td></td>
<td>Point contosoweb to the test database.</td>
</tr>
</tbody>
</table>

**Explanation/Reference:**

**QUESTION 26**

Your company has two physical locations configured in a geo-clustered environment that includes:

- System Center Virtual Machine Manager 2012 R2
- System Center Data Protection Manager 2012 R2
- SQL Server 2012
- Windows Server 2012 R2 Hyper-V
- Over 100 virtual machines (VMs) in each physical location

Your company has recently signed up for Azure. You plan to leverage your current network environment to provide a backup solution for your VMs. You need to recommend a solution that ensures all VMs are redundant and deployable between locations. You also want the solution to minimize downtime in the event of an outage at either physical location. Which solution should you recommend?

A. Configure a backup vault in Azure and use Data Protection Manager to back up the Windows Servers.
B. Use Data Protection Manager and back up the VMs in each location
C. Use Azure site recovery in an on-premises to Azure protection configuration
D. Use Azure site recovery in an on-premises to on-premises protection configuration

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 27

You manage two cloud services named Service1 and Service2. The development team updates the code for each application and notifies you that the services are packaged and ready for deployment.

<table>
<thead>
<tr>
<th>Name</th>
<th>Deployment requirements</th>
</tr>
</thead>
</table>
| Service1 | • You must be able to re-deploy the service using a previous package.
          | • The package must be retained for disaster recovery purposes. |
| Service2 | • Maintaining the existing service package is not required.  |

Each cloud service has specific requirements for deployment according to the following table. In the table below, identify the deployment method for each service. Make only one selection in each column.

Hot Area:

<table>
<thead>
<tr>
<th>Deployment method</th>
<th>Service1</th>
<th>Service2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manually update DLL on cloud service by means of RDP.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Update by using package in Azure Storage.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Update by using package from your local computer.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Correct Answer: Section: (none)Explanation
QUESTION 28

You administer a virtual machine (VM) that is deployed to Azure. You configure a rule to generate an alert when the average availability of a web service on your VM drops below 95 percent for 15 minutes. The development team schedules a one-hour maintenance period. You have the following requirements:

-No alerts are created during the maintenance period.

-Alerts can be restored when the maintenance is complete.

You want to achieve this goal by using the least amount of administrative effort. What should you do from the Management Portal?

A. Select and disable the rule from the Dashboard page of the virtual machine.

B. Select and delete the rule from the Configure page of the virtual machine.

C. Select and disable the rule from the Monitor page of the virtual machine.

D. Select and disable the rule on the Configure page of the virtual machine.

Correct Answer: C  Section: (none) Explanation

QUESTION 29

You create a web application. You publish the source code of the web application to a GitHub repository.
by using Microsoft Visual Studio. You create a website by using the Azure management portal. You must continuously deploy the web application from the GitHub repository website to the Azure website. You need to deploy the source code of the web application. 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.

**Select and Place:**

**Correct Answer:**
QUESTION 30

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.

Hot Area:
Correct Answer:

Section: (none) Explanation

Explanation/Reference: QUESTION 31

You have an existing server that runs Windows Server. You plan to create a base image of this server. You will use this base image to prepare several virtual servers for future use. After the base image is prepared, you will capture it by using the Azure management portal. You must use the System Preparation Tool (Sysprep) to prepare the server so that the base image can be captured. You need to prepare the server so that the base image can be captured. What should you do? To answer, configure the appropriate options in the dialog box in the answer area.
QUESTION 32

Your company network includes a single forest with multiple domains. You plan to migrate from On-Premises Exchange to Exchange Online. You want to provision the On-Premises Windows Active Directory (AD) and Azure Active Directory (Azure AD) service accounts. You need to set the required permissions for the Azure AD service account. Which settings should you use? To answer, drag the appropriate permission to the service account. Each permission 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.

Select and Place:
Correct Answer:

Section: (none)

Explanation/Reference: QUESTION 33
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. Check the MOVE TO THE DEAD-LETTER SUBQUEUE option for Expired Messages in the Azure Portal.

B. From the Azure Management Portal, create a new queue and name it Dead-Letter.

C. Execute the Set-AzureServiceBus PowerShell cmdlet.


Correct Answer: A

Explanation/Reference:

QUESTION 34

You manage an Azure Web Site named salessite1. You notice some performance issues with salessite1. You create a new database for salessite1. You need to update salessite1 with the following changes, in the order shown:

1. Display the list of current connection strings.

2. Create a new connection string named conn1 with a value of:
   Server=tcp:sample1.database.windows.net,1433; Database=NewDB; UserID=User@sample1; Password=Password1; Trusted_Connection=False; Encrypt=True; Connection Timeout=30;

3. Download the application logs for analysis. Which three xplat-cli commands should you perform in sequence? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

Select and Place:
<table>
<thead>
<tr>
<th>Command</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>site connectionstring show &quot;conn1&quot;</td>
<td></td>
</tr>
<tr>
<td>&quot;Server=tcp:sample1.database.windows.net,1433;Database=NewDB;User</td>
<td></td>
</tr>
<tr>
<td>ID=User@sample1;Password=Password1;Trusted_Connection=False;Encrypt=True;Connection Timeout=30;&quot;</td>
<td></td>
</tr>
<tr>
<td>&quot;SQLAzure&quot; salesite1</td>
<td></td>
</tr>
<tr>
<td>site log download salesite1</td>
<td></td>
</tr>
<tr>
<td>site log tail salesite1</td>
<td></td>
</tr>
<tr>
<td>site connectionstring show salesite1</td>
<td></td>
</tr>
<tr>
<td>site connectionstring add &quot;conn1&quot;</td>
<td></td>
</tr>
<tr>
<td>&quot;Server=tcp:sample1.database.windows.net,1433;Database=NewDB;User</td>
<td></td>
</tr>
<tr>
<td>ID=User@sample1;Password=Password1;Trusted_Connection=False;Encrypt=True;Connection Timeout=30;&quot;</td>
<td></td>
</tr>
<tr>
<td>&quot;SQLAzure&quot; salesite1</td>
<td></td>
</tr>
<tr>
<td>site connectionstring list salesite1</td>
<td></td>
</tr>
</tbody>
</table>

**Correct Answer:**
QUESTION 35

You publish a multi-tenant application named MyApp to Azure Active Directory (Azure AD). You need to ensure that only directory administrators from the other organizations can access MyApp's web API. How should you configure MyApp's manifest JSON file? To answer, drag the appropriate PowerShell command to the correct location in the application's manifest JSON file. Each value 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.
Select and Place:

**PowerShell command**

- `user_impersonation`
- `application_impersonation`
- `False`
- `True`
- `Personal`
- `Global`

**Manifest JSON file**

```
manifest.json

service on behalf of the signed-in user.

"directAccessGrantTypes": [],
"directAccessGrantTypes": [],

"impersonationAccessGrantTypes": []

{ "impersonation": "User",
  "impersonation": "Application"
}

"isDisabled": false

"origin": "Application",

"permissionId": "b69ee3c9-c40d-4f2a-ac",

"resourceScopeType": "" PowerShel

"userConsentDescription": "Allow the todo service on your behalf",

"userConsentDisplayName": "Have full access"
}
```

Correct Answer:
You plan to deploy a cloud service named contosoapp. The service includes a web role named contosowebrole. The web role has an endpoint named restrictedEndpoint. You need to allow access to restricted Endpoint only from your office machine using the IP address 145.34.67.82. Which values should you use within the service configuration file? To answer, drag the appropriate value to the correct location in the service configuration file. Each value 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.

Select and Place:
Correct Answer:
QUESTION 37

You administer two virtual machines (VMs) that are deployed to a cloud service. The VMs are part of a virtual network. The cloud service monitor and virtual network configuration are configured as shown in the exhibits. (Click the Exhibits button.)
You need to create an internal load balancer named fabLoadBalancer that has a static IP address of 172.16.0.100. Which value should you use in each parameter of the Power Shell command? To answer, drag the appropriate value to the correct location in the Power Shell command. Each value 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.

Select and Place:
### Correct Answer:

#### PowerShell command parameter

```
Add-AzureInternalLoadBalancer
  -InternalLoadBalancerName fabLoadBalancer
  -ServiceName Value
  -SubnetName Value
  -StaticVNetIPAddress 172.16.0.100
```

---

### Section: (none)

Explanation

---

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**Explanation/Reference:**

**QUESTION 38**

You manage a set of virtual machines (VMs) deployed to the cloud service named fabrikamVM. You configure auto scaling according to the following parameters:

- With an instance range of two to six instances
  - To maintain CPU usage between 70 and 80 percent
  - To scale up one instance at a time
- With a scale up wait time of 30 minutes
- To scale down one instance at a time
- With a scale down wait time of 30 minutes

You discover the following usage pattern of a specific application:

- The application peaks very quickly, and the peak lasts for several hours.
  - CPU usage stays above 90 percent for the first 1 to 1.5 hours after usage increases. After 1.5 hours, the CPU usage falls to about 75 percent until application usage begins to decline. You need to modify the auto scaling configuration to scale up faster when usage peaks. What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

A. Decrease the scale down wait time.
B. Decrease the scale up wait time.
C. Increase the number of scale up instances.
D. Increase the scale up wait time.
E. Increase the maximum number of instances

**Correct Answer: BC**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 39**

You manage a cloud service that has a web role named fabWeb. You create a virtual network named fabVNet that has two subnets defined as Web and Apps. You need to be able to deploy fabWeb into the

---

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Web subnet. What should you do?

A. Modify the service definition (csdef) for the cloud service

B. Run the Set-AzureSubnet PowerShell cmdlet.

C. Run the Set-AzureVNetConfig PowerShell cmdlet.

D. Modify the network configuration file.

E. Modify the service configuration (cscfg) for the fabWeb web role.

Correct Answer: E  
Section: (none)  
Explanation/Reference:

QUESTION 40

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

- Application Access
- Password Single Sign-on

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

Correct Answer: C  
Section: (none)  
Explanation/Reference:

QUESTION 41

Your team uses a proprietary source control product. You use FTP to manually deploy an Azure website. You must move your source code from the proprietary source control product to a secure on-premises Git versioning system. Instead of deploying the website by using FTP, the website must automatically deploy to Azure each time developers check-in source files. You need to implement the new deployment strategy. 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.
Correct Answer: Section: (none)Explanation

Explanation/Reference:

QUESTION 42

You administer an Azure Storage account named contoso storage. The account has queue containers with logging enabled. You need to view all log files generated during the month of July 2014. Which URL should you use to access the list?
QUESTION 43

You have an on-premises data center and an Azure subscription. The Azure subscription has services that are hosted in the East US region. You have servers that run Windows Server 2012 R2. The servers are located on-premises and in both Azure regions. You plan to deploy Microsoft System Center 2012 R2 Data Protection Manager (DPM) to protect all of the servers. The DPM deployment has the following requirements:

- Centralize the management of all backups
- Minimize the costs associated with bandwidth usage
- Protect Microsoft SharePoint and Microsoft SQL Server workloads for up to nine years

You need to recommend which components must be configured to support the planned deployment. What should you include in the recommendation? To answer, select the appropriate options in the answer area.

Hot Area:

**ANSWER AREA**
Number of DPM servers: 0-3?
Number of Azure backup vaults: 0-2?

Correct Answer:
QUESTION 44

You have an Azure subscription. You need to recommend a solution to automate the configuration of virtual machine to meet the following requirements:

- Manage 30 virtual machines that run Linux by using Chef.
- Ensure that 10 virtual machines that run Windows Server 2012 R2 are turned off outside of business hours.

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

**Hot Area:**

**Correct Answer:**

To manage the Linux virtual machine:

- Cookbooks
- Runbooks
- Windows PowerShell Desired State

To turn off the Windows Server 2012 R2 virtual machine:

- Azure Automation
- Azure Manager
- Windows PowerShell Configuration

Section: (none) Explanation
QUESTION 45

You work for a company named Contoso, Ltd. The network contains an on-premises Active Directory domain that has Active Directory Federation Services (AD FS). Contoso uses an internally developed claims App1. You implement directory synchronization with Azure Active Directory (Azure AD). You need to recommend which configuration should be performed to Single-Sign-On to App1 to authenticated by Azure AD. Which two configuration should you include in the recommendation?

A. Azure AD as claims provided trust
B. App1 as a claims provide
C. Azure AD as relying party trust
D. App1 as relying party trust

**Correct Answer: BC**  
**Section: (none)**  
**Explanation**

QUESTION 46

Your company plans to migrate its on-premises Microsoft SQL Server databases to Azure. You are considering using SQL Server 2014 on Azure virtual machines and Azure SQL Database. The planned migration must support the following data security features:

- Database-level firewall rules
- Dynamic Data Masking
You need to identify the data security features supported by each product

**Hot Area: Correct Answer:**

<table>
<thead>
<tr>
<th>Database-level firewall rules:</th>
<th>Only Azure SQL Database</th>
<th>Only SQL Server 2014 on the Azure</th>
<th>Both</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynamic Data Masking:</td>
<td>Only Azure SQL Database</td>
<td>Only SQL Server 2014 on the Azure</td>
<td>Both</td>
</tr>
<tr>
<td>Transparent data encryption (TDE):</td>
<td>Only Azure SQL Database</td>
<td>Only SQL Server 2014 on the Azure</td>
<td>Both</td>
</tr>
</tbody>
</table>

**Section: (none)**

**Explanation/Reference:**

**QUESTION 47**

You need to recommend the appropriate strategy for the data mining application. What should you recommend?

A. Configure multiple on-premises cluster that runs multiple Azure virtual machines to connect by using an Azure virtual private network (VPN).
B. Configure an on-premises cluster that runs multiple Azure virtual machines that is located in the central office.

C. Configure a cluster of high-performance computing virtual machines (VMs) that use the largest number of cores. Ensure that the VMs are instantiated in different Azure datacenters that are distributed across the same affinity group.

D. Configure a cluster of high-performance computing virtual machines (VMs) that use the largest number of cores. Ensure that the VMs are instantiated in the same Azure datacenter.

Correct Answer: B

Section: (none) Explanation

Explanation/Reference:

QUESTION 48

Your company has a branch office that has 90 employees. The computers at the branch office are

<table>
<thead>
<tr>
<th>OS</th>
<th>Version</th>
<th>Number of computers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows 7 SP1</td>
<td>64-bit</td>
<td>20</td>
</tr>
<tr>
<td>Windows 8.1</td>
<td>32-bit</td>
<td>20</td>
</tr>
<tr>
<td>Windows 8.1</td>
<td>64-bit</td>
<td>50</td>
</tr>
<tr>
<td>Windows Server 2012 R2</td>
<td>64-bit</td>
<td>3</td>
</tr>
</tbody>
</table>

You need to identify a backup method for the computers. The solution must use Azure Backup whenever possible. What should you identify? To answer, select the appropriate options in the answer area.

Hot Area:

**ANSWER AREA**

64-bit version of Windows 7 SP1: ? (Azure Backup? Wbadmin?)
32-bit version of Windows 8.1: ? (Azure Backup? Wbadmin?)
64-bit version of Windows 8.1: ? (Azure Backup? Wbadmin?)
64-bit version of Windows Server 2012 R2: ? (Azure Backup? Wbadmin?)

Correct Answer:
QUESTION 49
You need to encrypt a media file. Which type of encryption should you use?

A. Secure token service
B. PlayReady
C. Storage
D. Envelope

Correct Answer: B

QUESTION 50
You need to architect a solution for the client's core business objectives. Which services should you recommend? To answer, drag the appropriate service to the correct business objective. Each service 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.

Select and Place:

<table>
<thead>
<tr>
<th>SERVICES</th>
<th>ANSWER AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azure Batch</td>
<td></td>
</tr>
<tr>
<td>Azure Media Services</td>
<td></td>
</tr>
<tr>
<td>HPC Pack</td>
<td></td>
</tr>
<tr>
<td>SQL Service Analysis Services</td>
<td></td>
</tr>
<tr>
<td>Application Insights</td>
<td></td>
</tr>
<tr>
<td>Mobile Services</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Objective</td>
</tr>
<tr>
<td></td>
<td>...Video and audio</td>
</tr>
<tr>
<td></td>
<td>...in the web application</td>
</tr>
<tr>
<td></td>
<td>Data Mining</td>
</tr>
</tbody>
</table>

Correct Answer:
### Section: (none)

**Explanation**

**Explanation/Reference:**

<table>
<thead>
<tr>
<th>Objective</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video and audio</td>
<td>Azure Media</td>
</tr>
<tr>
<td>in the web application</td>
<td>Mobile Service</td>
</tr>
<tr>
<td>Data Mining</td>
<td>Azure Batch</td>
</tr>
</tbody>
</table>
Exam D

QUESTION 1
You need to select the appropriate solution for monitoring the .NET application. What should you recommend?

A. Microsoft Analytics Platform
B. Application Insights
C. Visual Studio IntelliTrace
D. Data Factory

Correct Answer: B

QUESTION 2
You design an Azure web application. The web application is accessible by default as a standard cloudapp.net URL. You need to recommend DNS resource record types that allow you to configure access to the web application by using a custom domain name. Which two DNS record types should you recommend?

A. CNAME
B. A
C. SRV
D. MX

Correct Answer: AB

QUESTION 3
You need to upload video to the company's Azure environment

A. Write directly to the storage REST APIs
B. Use the Azure Import/Export service to move the data
C. Create an ExpressRoute connection
D. Create a site-to VPN connection

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 4

You need to ensure that the customer-facing website meets the scaling and deployment requirements. What should you do?

A. Use Traffic Manager with load balancing enabled. Deploy websites in a single region.
B. Use Traffic Manager with load balancing enabled. Deploy web apps in multiple regions that are nearest to the website visitor populations
C. Implement operational procedures to quickly deploy additional local instances of the web apps when you are notified by Traffic Manager
D. Deploy and maintain multiple web app instances in the largest Azure datacenters in North America, Europe, and Asia.

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 5

You have an Azure subscription that contains 10 VMs. All of the VMs are set to use the Basic VM tier and are located in the West US region. The storage account used for the VMs is set to Locally Redundant replication. The VMs are in an availability set. You plan to deploy several web apps in Azure that will retrieve data from the VMs. The web apps will use a new App Service plan. You need to ensure that the web apps remain available if the hardware in a data center fails. The solution must minimize the Azure costs associated with bandwidth utilization. What should you include in the solution?

A. Set the App Service plan for the web apps to any region other than West US region
B. Create a new storage account that is set to Geo-Redundant replication. Move the virtual machines to the new storage account. Set the App service plan for the web apps to use the default app service
C. Set the App Service plan for the web apps to use the default app service. Configure ExpressRoute for the Azure subscription.
D. Create a new storage account that is set to Zone Redundant replication. Move the virtual machines to the new storage account. Set the App Service plan for the web apps to use the default app service.

Correct Answer: D Section: (none) Explanation
**QUESTION 6**

You need to recommend a data storage solution that meets the business continuity requirements. Which two features should you recommend? Each correct answer presents part of the solution.

A. SQL Database Standard
B. Azure Backup
C. SQL Database Premium
D. SQL Database Premium

**Correct Answer: AB Section: (none)**

**Explanation/Reference:**

**QUESTION 7**

You need to configure availability for the virtual machines that the company is migrating to Azure. What should you implement?

A. Cloud Services
B. Availability Sets
C. Virtual Machine Autoscaling
D. Traffic Manager

**Correct Answer: B Section: (none)**

**Explanation/Reference:**

**QUESTION 8**

You need to configure the Northwind website. Which two solutions do you use? Each correct answer presents part of the solution.

A. Use Azure Zone Redundant Storage to provide redundancy across Azure global data center
B. Deploy the Northwind site in an Azure web app
C. Configure a hybrid connection to the database.
D. Implement Azure ExpressRoute to increase the bandwidth for users of the Northwind public website.
E. Create Azure virtual machines that run Windows and Linux servers in Azure data Centers.

**Correct Answer: AB  Section: (none) Explanation**

**Explanation/Reference:**

**QUESTION 9**

You need to recommend a business continuity and disaster recovery solution for all the existing line of business applications. What should you recommend?

A. Configure ExpressRoute to enable migration to Azure

B. Migrate the virtual machines to the Hyper-V cluster and enable Hyper-V replica

C. Create new virtual machines in Azure and migrate the line of business application to the VMs. Migrate any backend databases to SQL Database

D. Install the Azure Backup agent on the virtual machines

**Correct Answer: B  Section: (none) Explanation**

**Explanation/Reference:**

**QUESTION 10**

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

**Correct Answer: B  Section: (none) Explanation**

**Explanation/Reference:**  

**QUESTION 11**

You deploy an application as a cloud service in Azure. The application consists of five instances of a web role. You need to move the web role instances to a different subnet. Which file should you update?

A. Service definition

B. Diagnostics configuration
C. Service configuration
D. Network configuration

Correct Answer: C  Section: (none)  Explanation

Explanation/Reference:

QUESTION 12

You need to set up the traffic prediction system. 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.

Select and Place:

**ACTIONS**

<table>
<thead>
<tr>
<th>Create a machine learning workspace.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create a new experiment that uses an algorithm to predict future customer demand.</td>
</tr>
<tr>
<td>Train and evaluate data models.</td>
</tr>
<tr>
<td>Create a new experiment that uses an algorithm to minimize driving time.</td>
</tr>
<tr>
<td>Upload historical employee timesheet data.</td>
</tr>
<tr>
<td>Upload Historical customer pickup data.</td>
</tr>
</tbody>
</table>

Correct Answer: Section: (none) Explanation
Explanation/Reference:

QUESTION 13

You have an Azure subscription named Subscription1. You create several Azure VMs in Subscription1. All of the VMs belong to the same virtual network. You have an on-premises Hyper-V server named Server1. Server1 hosts a virtual machine named VM1. You plan to replicate VM1 to Azure. You need to create additional objects in Subscription1 to support the planned deployment. Which three objects should you create? Each correct answer presents part of the solution.

A. An Azure Site Recovery vault
B. An endpoint
C. A protection group
D. A Hyper-V site
E. A storage account
F. A Traffic Manager

Correct Answer: ADE

Section: (none) Explanation
Explanation/Reference:

QUESTION 14

You have an Azure subscription. You plan to deploy five virtual machines that will have similar configurations and will run the same workload. You need to recommend a solution to ensure the availability of the virtual machines during Azure maintenance periods. At any given time, only one virtual machine can be offline for maintenance. What should you include in the recommendation? To answer, select the appropriate options in the answer area.

Hot Area:

Answer Area

Number of cloud services:
0
1
2
3
4
5

Number of availability sets:
0
1
2
3
4
5

Number of upgrade domains:
0
1
2
3
4
5

Correct Answer: Section: (none) Explanation
Explanation/Reference:

**QUESTION 15**

You plan to deploy four Infrastructure as a Service (IaaS) virtual machines in Azure. All IaaS virtual machines will reside on the same IP subnet. You need to design an Azure virtual network that can accommodate the deployment. The design must meet the following requirements:

- Minimize the size of the IP subnet.
- Provide the ability to restrict both internal and Internet traffic.
- Ensure that the IP addresses of the virtual machines remain the same.

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

**Hot Area: Correct Answer:**
You plan to implement a predictive analytics solution in Azure Machine Learning Studio. You intend to train the solution by using existing data that resides on-premises. The on-premises data is a collection of delimited text files that total 5GB in size. You need to identify the process of adding the existing data to the solution. What should you identify? To answer, select the appropriate
You are managing the automation of your company’s Azure resources. You need to choose the appropriate tool to automate specific use cases. Which tool should you choose for each use case? To answer, select the appropriate tool from each list in the answer area.

**Correct Answer:**

**Upload data into:**
- ML Studio
- an Azure SQL Database

**In ML Studio, create:**
- a DataSet
- an experiment

**In ML Studio, consume data by using the:**
- Add Rows module
- Enter Data module
- Reader module
QUESTION 18

You develop an ASP.NET Web API that is hosted as an Azure Web API. The API uses a WebJob to process information. The WebJob has a very long start up time. You configure the WebJob to run continuously. You observe that the WebJob is not running and processing information as expected. You need to ensure the WebJob runs continuously. What should you do?

A. Update the API to self-host by using the Open Web interface for .NET (OWIN). Migrate the API to Azure Service Fabric
B. Enable the Always On configuration setting for the Web App.
C. Include a settings. Job JSON file at the root of the WebJob zip file and include a valid CRON expression
D. Schedule the WebJob by using the Azure Scheduler.

Correct Answer: B

QUESTION 19

You are the administrator for a company that has an Azure Premium Storage account. You receive a
.vhdx from the development team. You plan to create one unique Azure virtual machine (VM) from the file. You plan to run the VM as a domain controller. You need to upload the .vhdx file to Azure. Which four actions should you perform in sequence? To answer, move the appropriate actions from the list actions to the answer area and arrange them in the correct order.

Select and Place:

Correct Answer:

Section: (none)Explanation

Explanation/Reference:

QUESTION 20

You are developing an application that will send push notifications to registered devices. You perform the following actions:

- Set up a notification hub with the correct push credentials.

- Register the device application with the platform notification system and with the hub.

- Update the back-end to send notifications.
You need to debug push notifications by sending test notifications to registered devices in a controlled way. For each action, which tool should you implement? To answer, drag the appropriate tool to the correct action. Each tool 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.

Select and Place: Correct Answer:

<table>
<thead>
<tr>
<th>Tools</th>
<th>Answer Area</th>
<th>Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azure Portal</td>
<td>Use several metric for monitoring</td>
<td>tool</td>
</tr>
<tr>
<td>Microsoft Visual Studio Explorer tool</td>
<td>Run per-platform diagnostics</td>
<td>tool</td>
</tr>
<tr>
<td>Service Bus Explorer tool</td>
<td>Limit test notifications to 10 clients at a time</td>
<td>tool</td>
</tr>
<tr>
<td>Azure 3DK</td>
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</table>

<table>
<thead>
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<tr>
<td>Azure 3DK</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section: (none) Explanation

Explanation/Reference:

QUESTION 21

You are designing an Azure application that provides online backup storage for hundreds of media files. Each file is larger than 1 GB. The data storage solution has the following requirements.

- Be capable of storing an average of 2 terabytes (TB) of data for each user
- Support sharing of data between all Microsoft Azure instances
- Provide random read/write access

You need to recommend a durable data storage solution. What should you recommend?

A. Azure Page Blob
B. Azure Block Blob
C. Local storage on the VM
D. Store data in the VHD file

Correct Answer: A Section: (none) Explanation
Explanation/Reference:

QUESTION 22

Your company has an Azure subscription. The company plans to implement an Azure Web App named WebApp1. You need to recommend a solution to optimize the compute resources consumed by the Web App. The solution must minimize costs and provide a separation of resources. Which service plan should you recommend?

A. Basic
B. Free
C. Premium
D. Shared
E. Standard

Correct Answer: C

Section: (none) Explanation

Explanatie/Reference:

QUESTION 23

You are reviewing an Azure Resource Manager (ARM) template that is used to deploy a Web App to multiple regions. The template contains the following JSON code:
How should you interpret the deployment configuration? To answer, select the appropriate option in the answer area.

**Hot Area:**

To how many regions will the Web App be deployed?

- 9
- 12
- 15
- 81

To which region will two sites named Site5 and Site8 be deployed?

- West Europe
- East US
- West US

**Correct Answer:** Section: (none) Explanation
**QUESTION 24**

You develop a new Azure Web App that uses multiple azure Blobs and static content. The Web App uses a large number of JavaScript files and cascading style sheets. Some old theses files contain references of the other files. Users are geographically dispersed. You need to minimize the time to load individual pages. What should you do?

A. Create a services layer by using and Azure-hosted ASP.NET web API.

B. Migrate the Web App to Azure Services Fabric

C. Enable the Always On feature of the Web App.

D. Use an Azure Content Delivery Network (CDN).

E. Implement an Azure Redis Cache.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**QUESTION 25**

You administer the virtual environment for Contoso, Ltd. You configure and provision a new virtual machine (VM). You need to add the existing VM to an existing availability set. How should you complete the Azure PowerShell command? To answer, select the appropriate Azure PowerShell cmdlet from each list in the answer area.

**Hot Area: Correct Answer:**
QUESTION 26

You plan to implement Multi-Factor Authentication (MFA). Administrators must be able to protect user accounts with MFA. You must implement text messages or telephone calls as a second factor. You need to recommend a MFA solution that minimizes costs. What should you recommend?

A. A Microsoft Office 365 subscription
B. An on-premises solution
C. Azure Active Directory Premium
D. The Enterprise Mobility Suite

Correct Answer: C

QUESTION 27

You manage a cloud service that has one Web Role instance, and several Worker Role instances. The cloud service has multiple tiers. Different groups develop and maintain each tier. You need to ensure that the cloud service remains highly available and responsive when the worker roles are performing extensive work. What should you do?
A. Create an availability set with two or more virtual machines
B. Create an availability set for each tier of the application
C. Create a resource group.
D. Implement auto-scaling for the Worker Roles.

**Correct Answer: D**

**Section:** (none) **Explanation**

**Explanation/Reference:**

**QUESTION 28**

A company has two applications that require high-performance computing. The company is unsure which Azure instance for their needs. Application 1 has the following requirements:

- Constant low-latency communication between nodes.
- Support for Linux high-performance computing (HPC) clusters.
  - Minimum of 12 CPU cores.
  - Minimum memory of 100 gigabytes (GB).

Application 2 has the following requirements:

- Support for Linux HPC clusters.
  - Minimum of 8 CPU cores.
  - Minimum memory of 50 (GB).

**Select and Place:**

<table>
<thead>
<tr>
<th>Instance Types</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>A8  A9  A10  A11</td>
<td></td>
</tr>
</tbody>
</table>

**Correct Answer:**
QUESTION 29

You are developing a Web App that uses Azure Search. You deploy the Web App to the Standard services tier. You need to add resources to the Azure Search service. What should you do? To answer, select the appropriate resource from each list in the answer area.

Correct Answer: Section: (none)Explanation
Explanation/Reference:

QUESTION 30 Case Study 6 - Fourth Coffee

You need to support the disaster recovery requirements of the web application and API. Which two actions should you perform? Each correct answer presents part of the solution.

A. Configure automated backups of the API and web application.
B. Create a new Azure SQL Data Warehouse and connect it to the web application and API.
C. Deploy the API and web application to multiple locations
D. Enable Application Insights for the web application and API.
E. Create an Azure Redis Cache for the web application and API.

Correct Answer: AC

Explanation/Reference:

QUESTION 31

You need to persist the API messages. Which five steps should you perform in sequence? To answer, move the appropriate actions from the list of the actions to the answer area and arrange them.

Select and Place:
You need to choose an Azure service for the training initiative. Which two services should you use? Each correct answer presents part of the solution.
A. Media Services
B. Azure AD Connect
C. App Service
D. Azure SQL Data Warehouse
E. Notification Hubs

Correct Answer: AC  Section: (none)  Explanation

Explanation/Reference:

QUESTION 33

You need to build and deploy the API. Which four actions should you perform in sequence? To answer, move the appropriate actions from list actions to the answer area and arrange.

Select and Place:

Correct Answer: Section: (none)  Explanation
### QUESTION 34

You need to scale the API. In the Azure portal, which four actions should you perform in sequence?

**Select and Place:**

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create a new controller and include the Authorize attribute</td>
<td>Install azure-mobile-apps and the Express packages</td>
</tr>
<tr>
<td>In TFVC, create a new build and publish the project</td>
<td>Create a new directory. Initialize Git and Node Package Manager (npm).</td>
</tr>
<tr>
<td>Create a new directory to include a new ASP.NET Web API project</td>
<td>Create instances for an Express App and a Mobile App. Attach the Mobile App to the Express App.</td>
</tr>
<tr>
<td></td>
<td>Publish the changes</td>
</tr>
</tbody>
</table>

**Correct Answer: Section: (none)**

**Explanation/Reference:**
**QUESTION 35**

You need to support web and mobile application secure logons. Which technology should you use?

A. Azure Active Directory B2B  
B. OAuth 1.0  
C. LDAP  
D. Azure Active Directory B2C

**Correct Answer:** D  
**Section:** (none)  
**Explanation:**

**QUESTION 36**

Marketing is ready to start their web application validations and is excited to be expanding globally. You need to support the global web application 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.

**Select and Place:**

- Select the web application, then select Scale Out on the settings tab.
- Update the minimum Target range to 25 and maximum Target range to 100.
- Update the values for Scale by to CPU Percentage.
- Save the scale settings.

**Explanation/Reference:**

- Select and Place:
  - Select the web application, then select Scale Out on the settings tab.
  - Update the minimum Target range to 25 and maximum Target range to 100.
  - Update the values for Scale by to CPU Percentage.
  - Save the scale settings.
Correct Answer:

Section: (none)
Explanation
Explanation/Reference:
QUESTION 37
You are training a new developer. You need to describe the process flow for sending a notification.
actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Correct Answer:
QUESTION 38 Case Study 7 - Trey Research

You need to configure identity Synchronization. What should you create?

A. a Second Azure Active Directory directory
B. backups of all Azure VMS
C. a second Azure Active Directory Connect staging server
D. a second Azure Active Directory Connect sync server
E. backups of all on-premises server farms

Correct Answer: D

QUESTION 39

You are creating scripts to authenticate Azure monitoring tasks. You need to authenticate according to
the requirements. How should you complete the relevant Azure PowerShell script? Develop the solution by selecting and arranging the required Azure PowerShell commands in the correct order. NOTE: You will not need all of the Azure PowerShell commands.

Select and Place:

<table>
<thead>
<tr>
<th>Code Segments</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add-AzureAccount -Credential $credential</td>
<td>1</td>
</tr>
<tr>
<td>Select-AzureSubscription -SubscriptionName $subscription</td>
<td>2</td>
</tr>
<tr>
<td>Get-AzureAccount -Name $name</td>
<td>3</td>
</tr>
<tr>
<td>$credential = Get-AutomationPSCredential -Name $name</td>
<td></td>
</tr>
<tr>
<td>$credential = New-Object -TypeName</td>
<td></td>
</tr>
<tr>
<td>System.Management.Automation.PSCredential -</td>
<td></td>
</tr>
<tr>
<td>ArgumentList $username, $password</td>
<td></td>
</tr>
<tr>
<td>Get-AzureSubscription -SubscriptionName $subscription</td>
<td></td>
</tr>
</tbody>
</table>

Correct Answer: Section: (none) Explanation

Explanation/Reference:

QUESTION 40

You need to design the business continuity framework. Which technology should you use?

A. Hyper-V Replica
B. Azure Backup
C. Azure Site Recovery
D. Azure StoreSimple

Correct Answer: C Section: (none) Explanation
QUESTION 41

You need to implement resource security and authentication. For each requirement, which solution should you implement? To answer, drag the appropriate solution to the correct requirement. Each solution 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.

Select and Place:

<table>
<thead>
<tr>
<th>Solutions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Azure Active Directory Connect</td>
<td>Requirement</td>
</tr>
<tr>
<td>Microsoft Account Authentication</td>
<td>Enable user sign in for employees</td>
</tr>
<tr>
<td>Azure Active Directory B2C</td>
<td>Enable user sign in for partners</td>
</tr>
<tr>
<td>Active Directory Federations Services</td>
<td>Enable datacenter connectivity for the DataViewer application</td>
</tr>
</tbody>
</table>

Correct Answer: Section: (none)

QUESTION 42

You need to design the role-based access control strategy for the company. What should you do? To answer, drag the appropriate role to the correct user tier. Each role may be used one, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:
QUESTION 43

You need to implement testing for the DataManager mobile application. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:
**Actions**

Create a URL ping test in Application Insights.

In Microsoft Visual Studio, create a web test.

Open the URL ping test and set test locations.

Upload a URL ping list to Application Insights.

Open the .webtest file and start recording.

Create a multi-step web test and upload a .webtest file to Application Insights.

In Microsoft Visual Studio, create a web performance test project.

**Correct Answer: Section: (none)**

**Explanation**
Explanation/Reference:

QUESTION 44

You need to allow network traffic to the Trey Research subversion system. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:
Correct Answer:
QUESTION 45 Case Study 8 - Woodgrove Bank

You need to support processing for the WGBLeaseLeader app. Which technology should you use?

A. Azure Event Hubs
B. Azure Service Fabric
C. Azure Service Bus Queues
D. Azure Storage Queues

Correct Answer: A

QUESTION 46
You need to deploy the WGBLoanMaster app by using the Azure Command-Line Interface (CLI). Which five commands should you run in sequence?

Select and Place:

Correct Answer:
QUESTION 47

You need to generate the report for the WGBLeaseLeader app. Which Azure service should you use?

A. Azure Scheduler
B. Azure Data Lake Store
C. Azure Storage Queue
D. Azure Stream Analytics

Correct Answer: A

QUESTION 48

You need to configure Azure Security Center to assist the CSIRT team. Which services should you implement? To answer, drag the appropriate Azure Security Center services to the correct key security areas. Each service 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.

Select and Place:

Correct Answer:
Section: (none) Explanation

Explanation/Reference: QUESTION 49

You need to support loan processing for the WGBLoanMaster app. Which technology should you use?

A. Azure Storage Queues
B. Azure Service Fabric
C. Azure Service Bus Queues
D. Azure Event Hubs

Correct Answer: D

Section: (none) Explanation

Explanation/Reference: QUESTION 50

You need to implement the loan aggregation process for the WGBLoanMaster app. Which technology should you use?

A. Azure virtual machine
B. Azure Cloud Service worker role
C. Azure Batch
D. Azure WebJob

Correct Answer: C

Explanation/Reference: Exam E
QUESTION 1

You need to deploy the WGBLoanMaster app by using Azure PowerShell. Which four Azure PowerShell cmdlets should you run in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Correct Answer:
Section: (none) Explanation

Explanation/Reference:

QUESTION 2

You are implementing the new security requirements for the WGBCreditCruncher app. You need to explain the security process flow to another developer. You start by navigating to the web app as it is presented to the user. Which five actions must be performed in sequence?

Select and Place:
Correct Answer: Section: (none) Explanation
**QUESTION 3**

You are responsible for mobile app development for a company. The company develops apps on Windows Phone, iOS, and Android. You plan to integrate push notifications into every app. You need to be able to send users alerts from a backend server. Which two options can you use to achieve this goal? Each correct answer presents a complete solution.

A. Azure Notification Hubs
B. Azure SQL Database
C. Azure Mobile App Service
D. Azure Web App
E. a virtual machine

Correct Answer: AC Section: (none)Explanation

Explanation/Reference:

QUESTION 4

A company uses Azure to host all resources and uses Microsoft Visual Studio Team Services to manage product life cycles. You need to ensure the team can start runbooks from Visual Studio Team Services. Which solution should you use?

A. Azure Portal
B. Hybrid Runbook Workers
C. Azure Automation API
D. Schedule
E. Webhook

Correct Answer: C Section: (none)Explanation

Explanation/Reference:

QUESTION 5

You are designing the deployment for Linux virtual machines (VMs) in Azure. The VMs will be used for a web app that will run in Azure. The web app must be able to run Bash scripts on demand. Parallel workloads must also be set to scale automatically based on use. You need to design the environment for the Bash scripts and parallel workloads. Which processing type should you use for each component? To answer, drag the appropriate processing types to the correct components. Each processing type 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.

Select and Place:
QUESTION 6

You are preparing an application to run on Azure virtual machines (VMs). The VMs will be backed up using Azure Backup. The application maintains its state in three binary files stored on disk. Changes in application state require that all three files be updated on disk. If only one or two of the files are updated on disk, work is lost and the system is in an inconsistent state. You need to ensure that when a backup occurs, the application's data is always in a consistent state. What should you do?

A. Disable caching for the VM's virtual hard disks.
B. Use Premium Storage for the VM's virtual hard disks.
C. Implement the Volume Shadow Copy Service (VSS) API in the application
D. Store the application files on an Azure File Service network share.

Correct Answer: A

Explanation/Reference:
QUESTION 7

You are the Azure architect for an organization. You are working with C-level management to assign Azure role-based access control roles to a team within the organization. A single director oversees two teams, a development team and a test team. The director is wholly responsible for the organization's Azure account, including billing, infrastructure, and access control. The director is the only member of the team with the ability to alter access controls. You have the following requirements:

- Members of the development team must be able to view or alter Azure infrastructure to support application development.
- Members of the test team must be able to view Azure infrastructure to support test cases.

You need to assign built-in Azure role-based access control roles to team members within the organization. Which role should you assign to each team member?

Select and Place: Correct Answer:
QUESTION 8

You have an on-premises Active Directory Domain Services domain. You are considering moving your infrastructure to Azure Active Directory. You need describe the features that each directory service provides.

**Hot Area: Correct Answer:**

- **Active Directory Domain Services**
  - **Query the directory**
    - SAML, WS-Federation, OAuth, and Kerberos
    - Kerberos only
  - **Authentication**
    - SAML, WS-Federation, OAuth, and Kerberos
    - Kerberos only
QUESTION 9

Interface for .NET (OWIN) libraries. The API is used by an ASP.NET MVC Web App that is hosted in Azure. You need to secure the API by using Azure Active Directory (Azure AD) B2C. In which order should you perform the actions?

Select and Place:

Correct Answer:
<table>
<thead>
<tr>
<th>Actions</th>
<th></th>
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<tbody>
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Section: (none)

Explanation/Reference: