

Microsoft

AZ-300 Exam

Microsoft Azure Architect Technologies Exam

Questions & Answers Demo

Version: 29.1

Question: 1

You need to access user claims in the e-commerce web app. What should you do first?

- A. Write custom code to make a Microsoft Graph API call from the e-commerce web app.
- B. Assign the Contributor RBAC role to the e-commerce web app by using the Resource Manager create role assignment API
- C. Update the e-commerce web app to read the HTTP request header values.
- D. Using the Azure CU, enable Cross-origin resource sharing (CORS) from the e-commerce checkout API to the e-commerce web

Answer: A

Question: 2

DRAG DROP

You need to deploy a new version of the Label Maker 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.

The screenshot shows a drag-and-drop interface. On the left, under the heading "Actions", there is a list of seven tasks, each in a rectangular box:

- Create an alias of the image with the fully qualified path to the registry.
- Create an alias of the image with the a new build number.
- Build a new application image by using dockerfile.
- Download the image to your local computer.
- Log in to the registry and push image.
- Build a new application image by using msbuild.
- Restart the cluster.

On the right, under the heading "Answer Area", there is an empty space. Between the "Actions" and "Answer Area" columns, there are two circular arrows: a right-pointing arrow and a left-pointing arrow. On the far right of the "Answer Area", there are two circular arrows: an up-pointing arrow and a down-pointing arrow. At the top of the interface, there is a small icon and five dots.

Answer:

Create an alias of the image with fully qualified path to the registry

Log in to the registry and push image

Restart the cluster.

Question: 3

You need to meet the scaling requirements for Policy Service.
What should you store in Azure Redis Cache?

- A. ViewState
- B. HttpContext.tems
- C. Session state
- D. TempData

Answer: B

Question: 4

DRAG DROP

You need to add code at line EG15 in EventGndControllef.es to ensure that the tag policy applies to all services.

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

NOTE: Each correct selection is worth one point.

```
if (
    @event[ "data" ][ "code segment" ].ToString() == "code segment"
    &&
    @event[ "data" ][ "code segment" ].ToString() == "Microsoft.Web/sites/write"
)
```

Answer:

The image shows a screenshot of a code editor interface. On the left side, there is a panel titled "Code segments" containing a list of text boxes with the following values: "topic", "status", "eventType", "Succeeded", "operationName", and "resourceProvider". A mouse cursor is positioned over the "status" box. On the right side, there is a panel titled "Answer Area" containing a code snippet. The code is as follows:

```
if (  
    @event[ "data" ][ "Succeeded" ].ToString() == "eventType"  
    &&  
    @event[ "data" ][ "resourceProvider" ].ToString() == "Microsoft.Web/sites/write"  
)
```

Question: 5

You need to resolve a notification latency issue.

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

NOTE: Each correct selection is worth one point.

- A. Ensure that the Azure Function is set to use a consumption plan.
- B. Set Always On to false
- C. Set Always On to true
- D. Ensure that the Azure Function is using an App Service plan.

Answer: AC

Question: 6

You need to ensure that the solution can meet the scaling requirements for Policy Service.

Which Azure Application Insights data model should you use?

- A. an Application Insights trace
- B. an Application Insights metric
- C. an Application Insights dependency
- D. an Application Insights event

Answer: B

Question: 7

You need to ensure that the Policy service can implement the policy actions.

Which code segment should you insert at line EG07 in EventGridController.cs?

- A.

```
if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault()
    == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["validationCode"]
    });
}
```
- B.

```
if (events[0]["eventType"].ToString() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["validationCode"]
    });
}
```
- C.

```
if (HttpContext.Request.Headers["aeg-event-type"].FirstOrDefault() ==
    "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["data"]["validationCode"]
    });
}
```
- D.

```
if (events[0]["subject"].ToString() == "SubscriptionValidation")
{
    return new JsonResult(new
    {
        validationResponse = events[0]["data"]["validationCode"]
    });
}
```

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

Answer: C

Question: 8

HOTSPOT

You need to implement Role1.

Which command should you run before you create Role1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection « worth one point.

<div style="border: 1px solid black; background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Find-RoleCapability</td></tr> <tr><td>Get-AzureADDirectoryRole</td></tr> <tr><td>Get-AzureRmRoleAssignment</td></tr> <tr><td>Get-AzureRmRoleDefinition</td></tr> </table>	Find-RoleCapability	Get-AzureADDirectoryRole	Get-AzureRmRoleAssignment	Get-AzureRmRoleDefinition	-Name "Reader"	<div style="border: 1px solid black; background-color: #f0f0f0; padding: 2px; text-align: right;">▼</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>ConvertFrom-Json</td></tr> <tr><td>ConvertFrom-String</td></tr> <tr><td>ConvertTo-Json</td></tr> <tr><td>ConvertTo-Xml</td></tr> </table>	ConvertFrom-Json	ConvertFrom-String	ConvertTo-Json	ConvertTo-Xml
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Answer:

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Question: 9

You need to meet the technical requirement for VM4. What should you create and configure?

- A. an Azure Event Hub
- B. an Azure Notification Hub
- C. an Azure Logic App
- D. an Azure Service Bus

Answer: C

References:

<https://docs.microsoft.com/en-us/azure/event-grid/monitor-virtual-machine-changes-event-grid-logic-app>

Question: 10

DRAG DROP

You need to configure the Azure ExpressRoute circuits.

How should you configure Azure ExpressRoute routing? To answer, drag the appropriate configurations to the correct locations. Each Configuration 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

NOTE: Each correct selection is worth one point.

Configurations

- Use BGP communities to configure BGP's Local Preference.**
- Use BGP to append the private AS numbers to the advertised prefixes.**
- Use BGP to append the public AS numbers to the advertised prefixes.**

Answer Area

Routing from A.Datum to Azure:

Routing from Microsoft Online Services to A.Datum:

Answer:

Answer Area

Routing from A.Datum to Azure:

Use BGP to append the private AS numbers to the advertised prefixes.

Routing from Microsoft Online Services to A.Datum:

Use BGP communities to configure BGP's Local Preference.

Explanation:

Azure compute services, namely virtual machines (IaaS) and cloud services (PaaS), that are deployed within a virtual network can be connected through the private peering domain. The private peering domain is considered to be a trusted extension of your core network into Microsoft Azure.

Services such as Azure Storage, SQL databases, and Websites are offered on public IP addresses. You can privately connect to services hosted on public IP addresses, including VIPs of your cloud services, through the public peering routing domain. You can connect the public peering domain to your DMZ and connect to all Azure services on their public IP addresses from your WAN without having to connect through the internet.

References:

<https://docs.microsoft.com/en-us/azure/expressroute/expressroute-circuit-peering>