



AZ-900^{Q&As}

Microsoft Azure Fundamentals

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QUESTION 1

HOTSPOT

Select the answer that correctly completes the sentence.

Hot Area:

Azure Resource Manager (ARM) templates use the

A dropdown menu with a hand cursor pointing to the top bar. The menu is open, showing four options: "CSV format.", "HTML format.", "JSON format.", and "XML format.".

Correct Answer:

Azure Resource Manager (ARM) templates use the

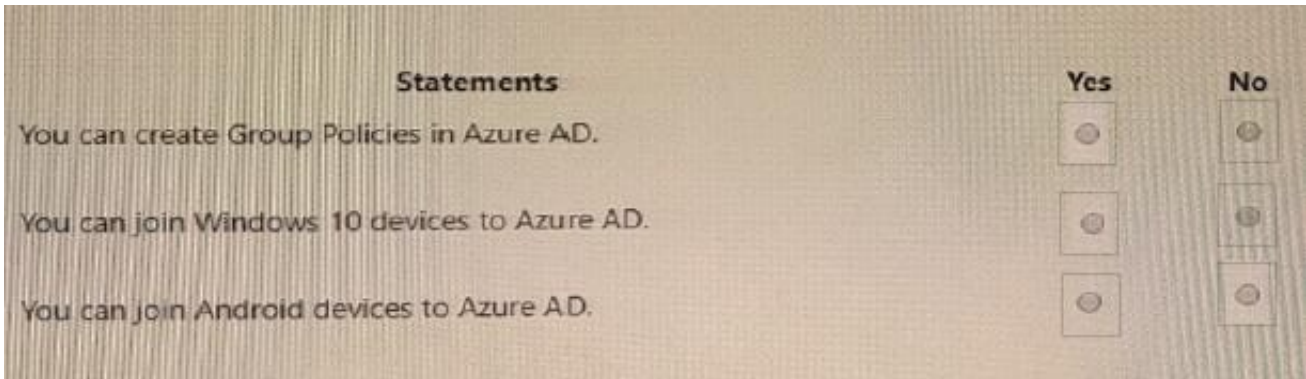
A dropdown menu with a hand cursor pointing to the top bar. The menu is open, showing four options: "CSV format.", "HTML format.", "JSON format.", and "XML format." The "JSON format." option is highlighted in green.

QUESTION 2

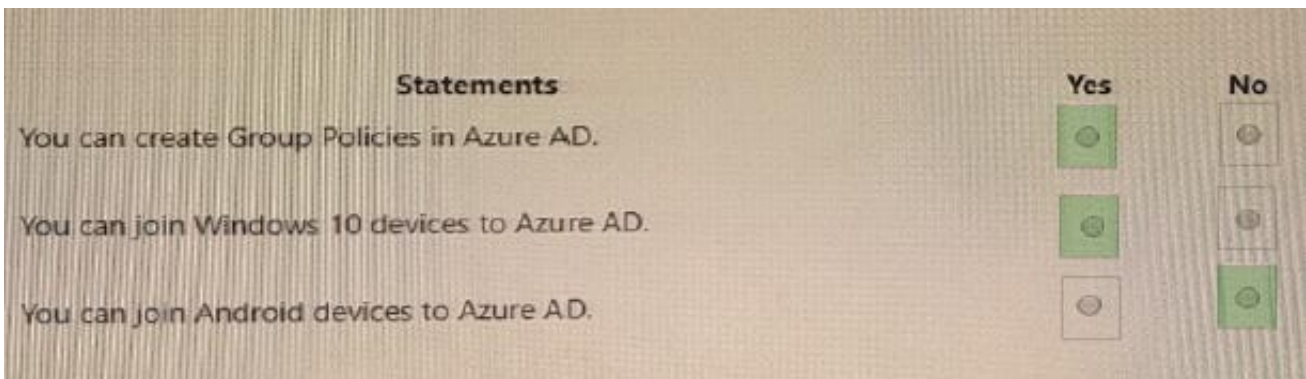
HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Hot Area:



Correct Answer:



QUESTION 3

You plan to deploy several Azure virtual machines that will run Windows Server 2019 in a virtual machine scale set by using an Azure Resource Manager template.

You need to ensure that NGINX is available on all the virtual machines after they are deployed.

What should you use?

- A. Deployment Center in Azure App Service
- B. A Desired State Configuration (DSC) extension
- C. the New-AzConfigurationAssignment cmdlet
- D. a Microsoft Intune device configuration profile

Correct Answer: B

Azure virtual machine extensions are small packages that run post-deployment configuration and automation on Azure virtual machines.

In the following example, the Azure CLI is used to deploy a custom script extension to an existing virtual machine, which installs a Nginx webserver. `az vm extension set \ --resource-group myResourceGroup \`



```
--vm-name myVM --name customScript\  
--publisher Microsoft.Azure.Extensions \  
--settings\{"commandToExecute": "apt-get install -y nginx"}
```

Note:

There are several versions of this question in the exam. The question has two correct answers:

1.
a Desired State Configuration (DSC) extension
2.
Azure Custom Script Extension

The question can have other incorrect answer options, including the following: the Publish-AzVMDscConfiguration cmdlet Azure Application Insights

Reference: <https://docs.microsoft.com/en-us/azure/architecture/framework/devops/automation-configuration>

QUESTION 4

A company has offices in multiple regions. The company has a Microsoft 365 subscription.

The company is developing a line-of-business (LOB) app. The app must meet the following requirements.

1.
Ensure availability regardless of an employee
2.
TMs location.
3.
Track the devices on which the app is installed by using Microsoft cloud services.
4.
Minimize costs. What should you do?
A. Copy the app to Microsoft OneDrive. Allow employees to download and install the app from One Drive.
B. Deploy the app to all devices by using Microsoft Intune.
C. Copy the app to local servers. Allow employees to download and install the app from the servers.
D. Deploy the app to all devices by using group policy.

Correct Answer: B



Reference: <https://docs.microsoft.com/en-us/mem/intune/apps/apps-windows-10-app-deploy>
<https://docs.microsoft.com/en-us/mem/intune/apps/apps-monitor>

QUESTION 5

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
From the Azure portal, you can distinguish between services that are generally available and services that are in public preview.	<input type="radio"/>	<input type="radio"/>
After an Azure service becomes generally available, the service is no longer updated with new features.	<input type="radio"/>	<input type="radio"/>
When you create Azure resources for a service in public preview, you must recreate the resources once the service becomes generally available.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Answer Area

Statements	Yes	No
From the Azure portal, you can distinguish between services that are generally available and services that are in public preview.	<input checked="" type="radio"/>	<input type="radio"/>
After an Azure service becomes generally available, the service is no longer updated with new features.	<input type="radio"/>	<input checked="" type="radio"/>
When you create Azure resources for a service in public preview, you must recreate the resources once the service becomes generally available.	<input type="radio"/>	<input checked="" type="radio"/>

References: <https://azure.microsoft.com/en-us/support/legal/preview-supplemental-terms/>



QUESTION 6

HOTSPOT

You are evaluating Office 365 ProPlus for a company.

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
Employees must use a browser to co-author documents, spreadsheets, and presentations.	<input type="radio"/>	<input type="radio"/>
Employees can edit documents, spreadsheets, and presentations by using a browser or the desktop app.	<input type="radio"/>	<input type="radio"/>
Employees can use mobile devices, tablets, and laptops to edit documents, spreadsheets, and presentations.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Statements	Yes	No
Employees must use a browser to co-author documents, spreadsheets, and presentations.	<input type="radio"/>	<input checked="" type="radio"/>
Employees can edit documents, spreadsheets, and presentations by using a browser or the desktop app.	<input checked="" type="radio"/>	<input type="radio"/>
Employees can use mobile devices, tablets, and laptops to edit documents, spreadsheets, and presentations.	<input checked="" type="radio"/>	<input type="radio"/>

QUESTION 7

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.



Hot Area:

Answer Area

Statements	Yes	No
Azure Sentinel stores collected events in an Azure Storage account.	<input type="checkbox"/>	<input type="checkbox"/>
Azure Sentinel can remediate incidents automatically.	<input type="checkbox"/>	<input type="checkbox"/>
Azure Sentinel can collect Windows Defender Firewall logs from Azure virtual machines.	<input type="checkbox"/>	<input type="checkbox"/>

Correct Answer:

Answer Area

Statements	Yes	No
Azure Sentinel stores collected events in an Azure Storage account.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Azure Sentinel can remediate incidents automatically.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Azure Sentinel can collect Windows Defender Firewall logs from Azure virtual machines.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Reference: <https://docs.microsoft.com/en-us/azure/sentinel/overview>

QUESTION 8

HOTSPOT



To complete the sentence, select the appropriate option in the answer area.

Hot Area:

You can use in Azure to send email alerts when the cost of the current

Advisor recommendations
Access control (IAM)
Budget alerts
Compliance

billing period for an Azure subscription exceeds a specified limit.

Correct Answer:

You can use in Azure to send email alerts when the cost of the current

Advisor recommendations
Access control (IAM)
Budget alerts
Compliance

billing period for an Azure subscription exceeds a specified limit.

Budget alerts notify you when spending, based on usage or cost, reaches or exceeds the amount defined in the alert condition of the budget. Cost Management budgets are created using the Azure portal or the Azure Consumption API.

Reference: <https://docs.microsoft.com/en-us/azure/cost-management-billing/costs/cost-mgt-alerts-monitor-usage-spending>

QUESTION 9

What should you use to track the costs of Azure resources?

- A. Tags
- B. usage and quotas
- C. Azure Quickstart templates
- D. budgets

Correct Answer: D

<https://learn.microsoft.com/en-us/azure/cost-management-billing/costs/quick-create-budget-template>

QUESTION 10

HOTSPOT



For each of the following statements, select Yes if the statement is true, Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
Single sign-on (SSO) requires that all users sign in by using the Microsoft Authenticator app.	<input type="radio"/>	<input type="radio"/>
Authentication is the process of establishing which level of access an authenticated user or service has.	<input type="radio"/>	<input type="radio"/>
Conditional Access uses signals collected from a user during the sign-in process to decide whether to allow or deny access requests.	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Statements	Yes	No
Single sign-on (SSO) requires that all users sign in by using the Microsoft Authenticator app.	<input type="radio"/>	<input checked="" type="radio"/>
Authentication is the process of establishing which level of access an authenticated user or service has.	<input checked="" type="radio"/>	<input type="radio"/>
Conditional Access uses signals collected from a user during the sign-in process to decide whether to allow or deny access requests.	<input checked="" type="radio"/>	<input type="radio"/>

QUESTION 11

You have an Azure Active Directory (Azure AD) tenant that syncs with an on-premises Active Directory domain.

You have an internal web app named WebApp1 that is hosted on-premises. WebApp1 uses Integrated Windows authentication.

Some users work remotely and do NOT have VPN access to the on-premises network.

You need to provide the remote users with single sign-on (SSO) access to WebApp1.

Which two features should you include in the solution? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Azure AD Application Proxy
- B. Azure AD Privileged Identity Management (PIM)



- C. Conditional Access policies
- D. Azure Arc
- E. Azure AD enterprise applications
- F. Azure Application Gateway

Correct Answer: AC

A: Application Proxy is a feature of Azure AD that enables users to access on-premises web applications from a remote client. Application Proxy includes both the Application Proxy service which runs in the cloud, and the Application Proxy connector which runs on an on-premises server.

You can configure single sign-on to an Application Proxy application.

C: Microsoft recommends using Application Proxy with pre-authentication and Conditional Access policies for remote access from the internet. An approach to provide Conditional Access for intranet use is to modernize applications so they can directly authenticate with AAD.

Reference: <https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-config-ssso-how-to>
<https://docs.microsoft.com/en-us/azure/active-directory/app-proxy/application-proxy-deployment-plan>

QUESTION 12

Your company plans to migrate to Azure. The company has several departments. All the Azure resources used by each department will be managed by a department administrator.

You need to recommend an Azure deployment that provides the ability to segment Azure for the departments.

What are two possible techniques to segment Azure for the departments? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. multiple subscriptions
- B. multiple Azure Active Directory (Azure AD) directories
- C. multiple regions
- D. multiple resource groups

Correct Answer: AD

An Azure subscription is a container for Azure resources. It is also a boundary for permissions to resources and for billing. You are charged monthly for all resources in a subscription. A single Azure tenant (Azure Active Directory) can contain multiple Azure subscriptions.

A resource group is a container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group.

To enable each department administrator to manage the Azure resources used by that department, you will need to create a separate subscription per department. You can then assign each department administrator as an administrator for the subscription to enable them to manage all resources in that subscription.



<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription>
<https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/add-change-subscription-administrator>

QUESTION 13

DRAG DROP

You are the Microsoft 365 administrator for a company. The company plans to upgrade client operating systems to Windows 10.

You need to explain the concepts of Windows as a Service (WaaS) to the management team.

Match each term to its definition. To answer, drag the appropriate terms from the column on the left to its definitions on the right. Each term may be used once, more than once, or not at all.

NOTE: Each correct selection is worth one point.

Select and Place:

Answer Area

Terms	Definition	Term
Windows Insider previews	Early builds that are released to the public during the feature-development phase	
Servicing channels	A method for controlling the frequency at which organizations deploy Windows 10 features	
Deployment rings	A method of gradually deploying Windows 10 features by using multiple sets of targeted devices	

Correct Answer:

Answer Area

Terms	Definition	Term
	Early builds that are released to the public during the feature-development phase	Windows Insider previews
	A method for controlling the frequency at which organizations deploy Windows 10 features	Servicing channels
	A method of gradually deploying Windows 10 features by using multiple sets of targeted devices	Deployment rings

Reference: <https://docs.microsoft.com/en-us/windows/deployment/update/waas-overview> <https://docs.microsoft.com/en-us/windows/deployment/update/waas-deployment-rings-windows-10-updates>