Microsoft Azure Security Technologies

1. Your company recently created an Azure subscription.

You have been tasked with making sure that a specified user is able to implement Azure AD Privileged Identity Management (PIM).

Which of the following is the role you should assign to the user?

A. The Global administrator role.

B. The Security administrator role.

C. The Password administrator role.

D. The Compliance administrator role.

Answer(s): A

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2. Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your company has an Active Directory forest with a single domain, named weylandindustries.com. They also have an Azure Active Directory (Azure AD) tenant with the same name.

You have been tasked with integrating Active Directory and the Azure AD tenant. You intend to deploy Azure AD Connect.

Your strategy for the integration must make sure that password policies and user logon limitations affect user accounts that are synced to the Azure AD tenant, and that the amount of necessary servers are reduced.

Solution: You recommend the use of pass-through authentication and seamless SSO with password hash synchronization.

Does the solution meet the goal?

A. Yes

B. No

3. Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

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Solution: You recommend the use of federation with Active Directory Federation Services (AD FS). Does the solution meet the goal?

A. Yes

B. No

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Your strategy for the integration must make sure that password policies and user logon limitations affect user accounts that are synced to the Azure AD tenant, and that the amount of necessary servers are reduced.

Solution: You recommend the use of password hash synchronization and seamless SSO. Does the solution meet the goal?

A. Yes

B. No

Answer(s): B

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5. Your company has an Active Directory forest with a single domain, named weylandindustries.com. They also have an Azure Active Directory (Azure AD) tenant with the same name.
After syncing all on-premises identities to Azure AD, you are informed that users with a givenName attribute starting with LAB should not be allowed to sync to Azure AD.
Which of the following actions should you take?

A. You should make use of the Synchronization Rules Editor to create an attribute-based filtering rule.

B. You should configure a DNAT rule on the Firewall.

C. You should configure a network traffic filtering rule on the Firewall.

D. You should make use of Active Directory Users and Computers to create an attribute-based filtering rule.

Answer(s): A

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6. You have been tasked with applying conditional access policies for your company's current Azure Active Directory (Azure AD).
The process involves assessing the risk events and risk levels.
Which of the following is the risk level that should be configured for users that have leaked credentials?

A. None

B. Low

C. Medium

D. High

Answer(s): B

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7. You have been tasked with applying conditional access policies for your company's current Azure Active Directory (Azure AD).

The process involves assessing the risk events and risk levels.
Which of the following is the risk level that should be configured for sign ins that originate from IP addresses with dubious activity?

A. None

B. Low

C. Medium

D. High

Answer(s): C

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8. You have been tasked with configuring an access review, which you plan to assigned to a new collection of reviews. You also have to make sure that the reviews can be reviewed by resource owners.
You start by creating an access review program and an access review control. You now need to configure the Reviewers.
Which of the following should you set Reviewers to?

A. Selected users.

B. Members (Self).

C. Group Owners.

D. Anyone.

Answer(s): C

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9. Your company recently created an Azure subscription. You have, subsequently, been tasked with making sure that you are able to secure Azure AD roles by making use of Azure Active Directory (Azure AD) Privileged Identity Management (PIM).
Which of the following actions should you take FIRST?

A. You should sign up Azure Active Directory (Azure AD) Privileged Identity Management (PIM) for Azure AD roles.

B. You should consent to Azure Active Directory (Azure AD) Privileged Identity Management (PIM).

C. You should discover privileged roles.

D. You should discover resources.

Answer(s): B

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10. You need to consider the underlined segment to establish whether it is accurate.

You have been tasked with creating a different subscription for each of your company's divisions. However, the subscriptions will be linked to a single Azure Active Directory (Azure AD) tenant. You want to make sure that each subscription has identical role assignments. You make use of Azure AD Privileged Identity Management (PIM).

Select "No adjustment required" if the underlined segment is accurate. If the underlined segment is inaccurate, select the accurate option.

A. No adjustment required

B. Azure Blueprints

C. Conditional access policies

D. Azure DevOps

Answer(s): B

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11. Your company has an Azure Container Registry.

You have been tasked with assigning a user a role that allows for the uploading of images to the Azure Container Registry. The role assigned should not require more privileges than necessary. Which of the following is the role you should assign?

A. Owner

B. Contributor

C. AcrPush

Answer(s): C

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12. Your company has an Azure Container Registry.

You have been tasked with assigning a user a role that allows for the downloading of images from the Azure Container Registry. The role assigned should not require more privileges than necessary.

Which of the following is the role you should assign?

A. Reader

B. Contributor

C. AcrDelete

D. AcrPull

Answer(s): D

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13. Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

Your Company's Azure subscription includes a virtual network that has a single subnet configured.

You have created a service endpoint for the subnet, which includes an Azure virtual machine that has Ubuntu Server 18.04 installed.

You are preparing to deploy Docker containers to the virtual machine. You need to make sure that the containers can access Azure Storage resources and Azure SQL databases via the service endpoint.

You need to perform a task on the virtual machine prior to deploying containers.

Solution: You create an application security group.

Does the solution meet the goal?

A. Yes

B. No

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14. Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

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You need to perform a task on the virtual machine prior to deploying containers.

Solution: You create an AKS Ingress controller.

Does the solution meet the goal?

A. Yes

B. No

Answer(s): B

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15. Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.

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You need to perform a task on the virtual machine prior to deploying containers.

Solution: You install the container network interface (CNI) plug-in.

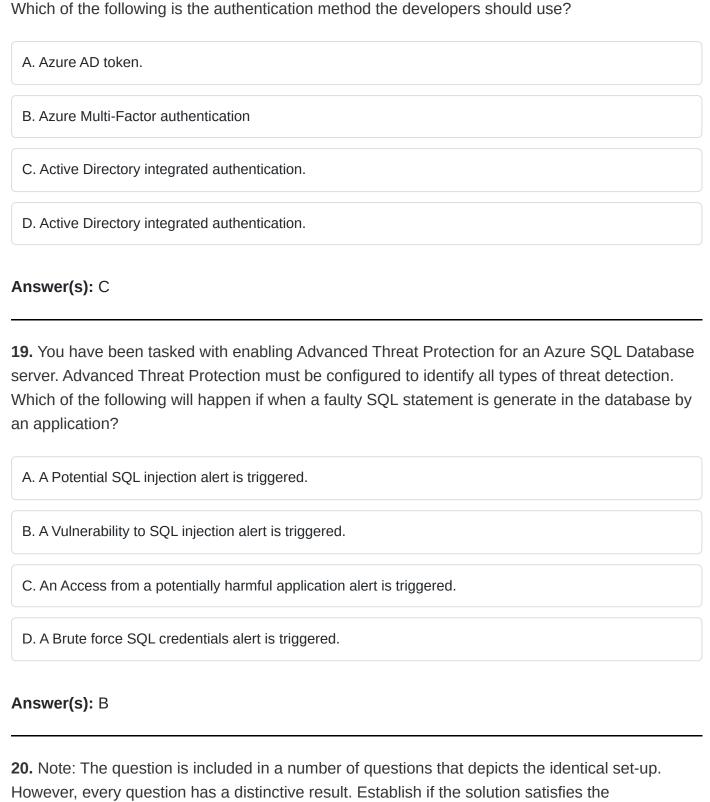Does the solution meet the goal?

A. Yes

B. No

16. You make use of Azure Resource Manager templates to deploy Azure virtual machines. You have been tasked with making sure that Windows features that are not in use, are automatically inactivated when instances of the virtual machines are provisioned.
Which of the following actions should you take?

A. You should make use of Azure DevOps.

B. You should make use of Azure Automation State Configuration.

C. You should make use of network security groups (NSG).

D. You should make use of Azure Blueprints.

Answer(s): B

17. Your company's Azure subscription includes Windows Server 2016 Azure virtual machines. You are informed that every virtual machine must have a custom antimalware virtual machine extension installed. You are writing the necessary code for a policy that will help you achieve this. Which of the following is an effect that must be included in your code?

A. Disabled

B. Modify

C. AuditIfNotExists

D. DeployIfNotExists

Answer(s): D

18. Your company makes use of Azure Active Directory (Azure AD) in a hybrid configuration. All users are making use of hybrid Azure AD joined Windows 10 computers.
You manage an Azure SQL database that allows for Azure AD authentication.
You need to make sure that database developers are able to connect to the SQL database via Microsoft SQL Server Management Studio (SSMS). You also need to make sure the developers use their on-premises Active Directory account for authentication. Your strategy should allow for

authentication prompts to be kept to a minimum.
Which of the following is the authentication method the developers should use?

A. Azure AD token.

B. Azure Multi-Factor authentication

C. Active Directory integrated authentication.

D. Active Directory integrated authentication.

Answer(s): C

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19. You have been tasked with enabling Advanced Threat Protection for an Azure SQL Database server. Advanced Threat Protection must be configured to identify all types of threat detection. Which of the following will happen if when a faulty SQL statement is generate in the database by an application?

A. A Potential SQL injection alert is triggered.

B. A Vulnerability to SQL injection alert is triggered.

C. An Access from a potentially harmful application alert is triggered.

D. A Brute force SQL credentials alert is triggered.

Answer(s): B

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20. Note: The question is included in a number of questions that depicts the identical set-up. However, every question has a distinctive result. Establish if the solution satisfies the requirements.
You are in the process of creating an Azure Kubernetes Service (AKS) cluster. The Azure Kubernetes Service (AKS) cluster must be able to connect to an Azure Container Registry. You want to make sure that Azure Kubernetes Service (AKS) cluster authenticates to the Azure Container Registry by making use of the auto-generated service principal.
Solution: You create an Azure Active Directory (Azure AD) role assignment. Does the solution meet the goal?

A. Yes

B. No

Answer(s): B