#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

#2

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.

#3

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.

#4

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

#5

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

D. AcrPull

#6

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

#7

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.

#8

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

#9

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.

#10

Your company has an Azure subscription that includes two virtual machines, named VirMac1 and VirMac2, which both have a status of Stopped (Deallocated). The virtual machines belong to different resource groups, named ResGroup1 and ResGroup2. You have also created two Azure policies that are both configured with the virtualMachines resource type. The policy configured for ResGroup1 has a policy definition of Not allowed resource types, while the policy configured for ResGroup2 has a policy definition of Allowed resource types. You then create a Read-only resource lock on VirMac1, as well as a Read-only resource lock on ResGroup2. Which of the following is TRUE with regards to the scenario? (Choose all that apply.)

A. You will be able to start VirMac1.

B. You will NOT be able to start VirMac1.

C. You will be able to create a virtual machine in ResGroup2.

D. You will NOT be able to create a virtual machine in ResGroup2

#11

You have been tasked with delegate administrative access to your company's Azure key vault. You have to make sure that a specific user can set advanced access policies for the key vault. You also have to make sure that access is assigned based on the principle of least privilege. Which of the following options should you use to achieve your goal?

A. Azure Information Protection

B. RBAC

C. Azure AD Privileged Identity Management (PIM)

D. Azure DevOps

#12

You have been tasked with delegate administrative access to your company's Azure key vault. You have to make sure that a specific user is able to add and delete certificates in the key vault. You also have to make sure that access is assigned based on the principle of least privilege. Which of the following options should you use to achieve your goal?

A. A key vault access policy

B. Azure policy

C. Azure AD Privileged Identity Management (PIM)

D. Azure DevOps

#13

You have an Azure virtual machine that runs Windows Server R2. You plan to deploy and configure an Azure Key vault, and enable Azure Disk Encryption for the virtual machine. Which of the following is TRUE with regards to Azure Disk Encryption for a Windows VM?

A. It is supported for basic tier VMs.

B. It is supported for standard tier VMs.

C. It is supported for VMs configured with software-based RAID systems.

D. It is supported for VMs configured with Storage Spaces Direct (S2D)

#14

You have an Azure virtual machine that runs Ubuntu 16.04-DAILY-LTS. You plan to deploy and configure an Azure Key vault, and enable Azure Disk Encryption for the virtual machine. Which of the following is TRUE with regards to Azure Disk Encryption for a Linux VM?

A. It is NOT supported for basic tier VMs.

B. It is NOT supported for standard tier VMs.

C. OS drive encryption for Linux virtual machine scale sets is supported.

D. Custom image encryption is supported

#15

You need to consider the underlined segment to establish whether it is accurate. You have configured an Azure Kubernetes Service (AKS) cluster in your testing environment. You are currently preparing to deploy the cluster to the production environment. After disabling HTTP application routing, you want to replace it with an application routing solution that allows for reverse proxy and TLS termination for AKS services via a solitary IP address. You must create an AKS Ingress controller. 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. a network security group

C. an application security group

D. an Azure Basic Load Balancer

#16

You want to gather logs from a large number of Windows Server 2016 computers using Azure Log Analytics. You are configuring an Azure Resource Manager template to deploy the Microsoft Monitoring Agent to all the servers automatically. Which of the following should be included in the template? (Choose all that apply.)

A. WorkspaceID

B. AzureADApplicationID

C. WorkspaceKey

D. StorageAccountKey

#17

You have a sneaking suspicion that there are users trying to sign in to resources which are inaccessible to them. You decide to create an Azure Log Analytics query to confirm your suspicions. The query will detect unsuccessful user sign-in attempts from the last few days. You want to make sure that the results only show users who had failed to sign-in more than five times. Which of the following should be included in your query?

A. The EventID and CountIf () parameters.

B. The ActivityID and CountIf () parameters.

C. The EventID and Count () parameters.

D. The ActivityID and Count () parameters.

#18

Your company uses Azure DevOps with branch policies configured. Which of the following is TRUE with regards to branch policies? (Choose all that apply.)

A. It enforces your team's change management standards.

B. It controls who can read and update the code in a branch.

C. It enforces your team's code quality.

D. It places a branch into a read-only state.

#19

Your company's Azure subscription includes an Azure Log Analytics workspace. Your company has a hundred on-premises servers that run either Windows Server 2012 R2 or Windows Server 2016, and is linked to the Azure Log Analytics workspace. The Azure Log Analytics workspace is set up to gather performance counters associated with security from these linked servers. You have been tasked with configuring alerts according to the information gathered by the Azure Log Analytics workspace. You have to make sure that alert rules allow for dimensions, and that alert creation time should be kept to a minimum. Furthermore, a single alert notification must be created when the alert is created and when the alert is sorted out. You need to make use of the necessary signal type when creating the alert rules. Which of the following is the option you should use?

A. You should make use of the Activity log signal type.

B. You should make use of the Application Log signal type.

C. You should make use of the Metric signal type.

D. You should make use of the Audit Log signal type.

#20

Your company's Azure subscription includes a hundred virtual machines that have Azure Diagnostics enabled. You have been tasked with retrieving the identity of the user that removed a virtual machine fifteen days ago. You have already accessed Azure Monitor. Which of the following options should you use?

A. Application Log

B. Metrics

C. Activity Log

D. Logs

#21

Your company's Azure subscription includes a hundred virtual machines that have Azure Diagnostics enabled. You have been tasked with analyzing the security events of a Windows Server 2016 virtual machine. You have already accessed Azure Monitor. Which of the following options should you use?

A. Application Log

B. Metrics

C. Activity Log

D. Logs

#22

You have been tasked with making sure that you are able to modify the operating system security configurations via Azure Security Center. To achieve your goal, you need to have the correct pricing tier for Azure Security Center in place. Which of the following is the pricing tier required?

A. Advanced

B. Premium

C. Standard

D. Free

#23

You are in the process of configuring an Azure policy via the Azure portal. Your policy will include an effect that will need a managed identity for it to be assigned. Which of the following is the effect in question?

A. AuditIfNotExist

B. Disabled

C. DeployIfNotExist

D. EnforceOPAConstraint

#24

You have been tasked with creating an Azure key vault using PowerShell. You have been informed that objects deleted from the key vault must be kept for a set period of 90 days. Which two of the following parameters must be used in conjunction to meet the requirement? (Choose two.)

A. EnabledForDeployment

B. EnablePurgeProtection

C. EnabledForTemplateDeployment

D. EnableSoftDelete

#25

our network contains an Active Directory forest named contoso.com. The forest contains a single domain. You have an Azure subscription named Sub1 that is associated to an Azure Active Directory (Azure AD) tenant named contoso.com. You plan to deploy Azure AD Connect and to integrate Active Directory and the Azure AD tenant. You need to recommend an integration solution that meets the following requirements:

✑ Ensures that password policies and user logon restrictions apply to user accounts that are synced to the tenant

✑ Minimizes the number of servers required for the solution.

Which authentication method should you include in the recommendation?

A. federated identity with Active Directory Federation Services (AD FS)

B. password hash synchronization with seamless single sign-on (SSO)

C. pass-through authentication with seamless single sign-on (SSO)

#26

Your network contains an on-premises Active Directory domain named corp.contoso.com. You have an Azure subscription named Sub1 that is associated to an Azure Active Directory (Azure AD) tenant named contoso.com. You sync all on-premises identities to Azure AD. You need to prevent users who have a givenName attribute that starts with TEST from being synced to Azure AD. The solution must minimize administrative effort. What should you use?

A. Synchronization Rules Editor

B. Web Service Configuration Tool

C. the Azure AD Connect wizard

D. Active Directory Users and Computers

#27

Your company plans to create separate subscriptions for each department. Each subscription will be associated to the same Azure Active Directory (Azure AD) tenant. You need to configure each subscription to have the same role assignments. What should you use?

A. Azure Security Center

B. Azure Policy

C. Azure AD Privileged Identity Management (PIM)

D. Azure Blueprints

#28

Your network contains an Active Directory forest named contoso.com. You have an Azure Active Directory (Azure AD) tenant named contoso.com. You plan to configure synchronization by using the Express Settings installation option in Azure AD Connect. You need to identify which roles and groups are required to perform the planned configuration. The solution must use the principle of least privilege. Which two roles and groups should you identify? Each correct answer presents part of the solution.

A. the Domain Admins group in Active Directory

B. the Security administrator role in Azure AD

C. the Global administrator role in Azure AD

D. the User administrator role in Azure AD

E. the Enterprise Admins group in Active Directory

#29

You have a hybrid configuration of Azure Active Directory (Azure AD) that has Single Sign-On (SSO) enabled. You have an Azure SQL Database instance that is configured to support Azure AD authentication. Database developers must connect to the database instance from the domain joined device and authenticate by using their on-premises Active Directory account. You need to ensure that developers can connect to the instance by using Microsoft SQL Server Management Studio. The solution must minimize authentication prompts. Which authentication method should you recommend?

A. Active Directory – Password

B. Active Directory - Universal with MFA support

C. SQL Server Authentication

D. Active Directory – Integrated

#30

You have an Azure subscription. You configure the subscription to use a different Azure Active Directory (Azure AD) tenant. What are two possible effects of the change? Each correct answer presents a complete solution.

A. Role assignments at the subscription level are lost.

B. Virtual machine managed identities are lost.

C. Virtual machine disk snapshots are lost.

D. Existing Azure resources are deleted.

#31

You have an Azure subscription that contains virtual machines. You enable just in time (JIT) VM access to all the virtual machines. You need to connect to a virtual machine by using Remote Desktop. What should you do first?

A. From Azure Directory (Azure AD) Privileged Identity Management (PIM), activate the Security administrator user role.

B. From Azure Active Directory (Azure AD) Privileged Identity Management (PIM), activate the Owner role for the virtual machine.

C. From the Azure portal, select the virtual machine, select Connect, and then select Request access.

D. From the Azure portal, select the virtual machine and add the Network Watcher Agent virtual machine extension.

#32

You have an Azure Active Directory (Azure AD) tenant named contoso.com that contains a user named User1. You plan to publish several apps in the tenant. You need to ensure that User1 can grant admin consent for the published apps. Which two possible user roles can you assign to User1 to achieve this goal? Each correct answer presents a complete solution.

A. Security administrator

B. Cloud application administrator

C. Application administrator

D. User administrator

E. Application developer

#33

You have an Azure subscription named Subcription1 that contains an Azure Active Directory (Azure AD) tenant named contoso.com and a resource group named RG1. You create a custom role named Role1 for contoso.com. Where you can use Role1 for permission delegation?

A. contoso.com only

B. contoso.com and RG1 only

C. contoso.com and Subscription1 only

D. contoso.com, RG1, and Subscription1

#34

You have an Azure subscription. You enable Azure Active Directory (Azure AD) Privileged Identity Management (PIM). Your company's security policy for administrator accounts has the following conditions:

✑ The accounts must use multi-factor authentication (MFA).

✑ The accounts must use 20-character complex passwords.

✑ The passwords must be changed every 180 days.

✑ The accounts must be managed by using PIM. You receive multiple alerts about administrators who have not changed their password during the last 90 days. You need to minimize the number of generated alerts. Which PIM alert should you modify?

A. Roles are being assigned outside of Privileged Identity Management

B. Roles don't require multi-factor authentication for activation

C. Administrators aren't using their privileged roles

D. Potential stale accounts in a privileged role

#35

Your network contains an on-premises Active Directory domain named adatum.com that syncs to Azure Active Directory (Azure AD). Azure AD Connect is installed on a domain member server named Server1. You need to ensure that a domain administrator for the adatum.com domain can modify the synchronization options. The solution must use the principle of least privilege. Which Azure AD role should you assign to the domain administrator?

A. Security administrator

B. Global administrator

C. User administrator

#36

You have an Azure subscription. You plan to create a custom role-based access control (RBAC) role that will provide permission to read the Azure Storage account. Which property of the RBAC role definition should you configure?

A. NotActions []

B. DataActions []

C. AssignableScopes []

D. Actions []

#37

You have an Azure subscription linked to an Azure Active Directory Premium Plan 1 tenant. You plan to implement Azure Active Directory (Azure AD) Identity Protection. You need to ensure that you can configure a user risk policy and a sign-in risk policy. What should you do first?

A. Purchase Azure Active Directory Premium Plan 2 licenses for all users.

B. Register all users for Azure Multi-Factor Authentication (MFA).

C. Enable security defaults for Azure AD.

D. Enable Azure Defender in Azure Security Center.

#38

You have an Azure subscription that is linked to an Azure Active Directory (Azure AD) tenant. From the Azure portal, you register an enterprise application. Which additional resource will be created in Azure AD?

A. a service principal

B. an X.509 certificate

C. a managed identity

D. a user account

#39

You have an Azure subscription that uses Azure Active Directory (Azure AD) Privileged Identity Management (PIM). A PIM user that is assigned the User Access Administrator role reports receiving an authorization error when performing a role assignment or viewing the list of assignments. You need to resolve the issue by ensuring that the PIM service principal has the correct permissions for the subscription. The solution must use the principle of least privilege. Which role should you assign to the PIM service principle?

A. Contributor

B. User Access Administrator

C. Managed Application Operator

D. Resource Policy Contributor

#40

You are troubleshooting a security issue for an Azure Storage account. You enable the diagnostic logs for the storage account. What should you use to retrieve the diagnostics logs?

A. Azure Storage Explorer

B. SQL query editor in Azure

C. File Explorer in Windows

D. Azure Security Center

#41

You are troubleshooting a security issue for an Azure Storage account. You enable Azure Storage Analytics logs and archive it to a storage account. What should you use to retrieve the diagnostics logs?

A. Azure Cosmos DB explorer

B. SQL query editor in Azure

C. AzCopy

D. the Security admin center

#42

You have an Azure Sentinel workspace. You need to create a playbook. Which two triggers will start the playbook? Each correct answer presents a complete solution.

A. An Azure Sentinel scheduled query rule is executed.

B. An Azure Sentinel data connector is added.

C. An Azure Sentinel alert is generated.

D. An Azure Sentinel hunting query result is returned.

E. An Azure Sentinel incident is created

#43

You are troubleshooting a security issue for an Azure Storage account. You enable Azure Storage Analytics logs and archive it to a storage account. What should you use to retrieve the diagnostics logs?

A. Azure Monitor

B. SQL query editor in Azure

C. File Explorer in Windows

D. Azure Storage Explorer

#44

You have an Azure Active Directory (Azure AD) tenant that contains a user named User1. You plan to enable passwordless authentication for the tenant. You need to ensure that User1 can enable the combined registration experience. The solution must use the principle of least privilege. Which role should you assign to User1?

A. Security administrator

B. Privileged role administrator

C. Authentication administrator

D. Global administrator

#45

You are troubleshooting a security issue for an Azure Storage account. You enable Azure Storage Analytics logs and archive it to a storage account. What should you use to retrieve the diagnostics logs?

A. Azure Cosmos DB explorer

B. Azure Monitor

C. Microsoft Defender for Cloud

D. Azure Storage Explorer

#46

You have an Azure SQL Database server named SQL1. For SQL1, you turn on Azure Defender for SQL to detect all threat detection types. Which action will Azure Defender for SQL detect as a threat?

A. A user updates more than 50 percent of the records in a table.

B. A user attempts to sign in as SELECT \* FROM table1.

C. A user is added to the db\_owner database role.

D. A user deletes more than 100 records from the same table

#47

Your company uses Azure DevOps. You need to recommend a method to validate whether the code meets the company's quality standards and code review standards. What should you recommend implementing in Azure DevOps?

A. branch folders

B. branch permissions

C. branch policies

D. branch locking

#48

You have an Azure web app named WebApp1. You upload a certificate to WebApp1. You need to make the certificate accessible to the app code of WebApp1. What should you do?

A. Add a user-assigned managed identity to WebApp1.

B. Add an app setting to the WebApp1 configuration.

C. Enable system-assigned managed identity for WebApp1.

D. Configure the TLS/SSL binding for WebApp1.

#49

You have an Azure web app named webapp1. You need to configure continuous deployment for webapp1 by using an Azure Repo. What should you create first?

A. an Azure Application Insights service

B. an Azure DevOps organization

C. an Azure Storage account

D. an Azure DevTest Labs lab

#50

Your company has an Azure subscription named Sub1 that is associated to an Azure Active Directory (Azure AD) tenant named contoso.com. The company develops an application named App1. App1 is registered in Azure AD. You need to ensure that App1 can access secrets in Azure Key Vault on behalf of the application users. What should you configure?

A. an application permission without admin consent

B. a delegated permission without admin consent

C. a delegated permission that requires admin consent

D. an application permission that requires admin consent