

Q. 1

A company needs a fully managed enterprise integration message broker that can decouple applications and services. It should offer a reliable and secure platform for asynchronous transfer of data and state.

What Azure Service should they use?

- ☒ Azure Logic Apps
- ☐ Azure Stream Analytics
- ☐ Azure Service Bus
- ☐ Azure Machine Learning Studio

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Q. 2

A company needs an Azure service that can provide development services to support teams to plan work, collaborate on code development, and build and deploy applications.

What Azure service should they use?

- ☐ Azure DevTest Labs
- ☒ Azure DevOps
- ☐ Azure HDInsights
- ☐ Azure Machine Learning Studio

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Q. 3

A company is planning to do load testing in Azure that requires 100 new virtual machines every week for a month. After a week, the existing virtual machines will be replaced by another batch. Azure Resource Manager templates are used to configure the virtual machines.

What Azure service should you use to satisfy this requirement?

- ☒ Azure DevTest Labs
- ☐ Azure Sphere
- ☐ Azure IoT Hub
- ☐ Azure IoT Edge

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Q. 4

A company has several Azure resources across different regions. The support engineers need to manage the Azure cloud environments of the company using the Azure CLI.

Which two tools below can the engineers use to install and run the Azure CLI?

- ☒ Azure Storage Explorer
- ☒ Azure Resource Explorer
- ☐ Azure AD Seamless SSO
- ☐ Windows PowerShell
- ☐ Windows Command Prompt (CMD)

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Q. 5 What are the three available access tiers in Azure Blob Storage?

- ☒ Archive
- ☒ Hot
- ☐ Standard
- ☐ Magnetic
- ☐ Premium
- ☒ Cool

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Q. 6

You plan to deploy a WordPress website to Azure. You need to recommend an Azure solution that will host the website without managing the infrastructure.

What service should you recommend?

- ☒ Azure App Service
- ☐ Azure Logic Apps
- ☐ Azure DevOps
- ☐ Azure Virtual Machine

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Q. 7

You are planning on migrating an application to Azure that sends email notifications automatically whenever a specific event happens. You need to recommend a serverless computing solution that can orchestrate the application workflow.

What Azure service should you use?

- ☐ Azure Batch
- ☒ Azure Functions
- ☐ Azure Service Bus
- ☐ Azure Logic Apps

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Q. 8 Which of the following is a serverless compute service that lets you run event-triggered code without having to explicitly provision or manage infrastructure?

- ☐ Azure Functions
- ☐ Azure Logic Apps
- ☐ Azure Container Instances
- ☒ Azure Virtual Machines

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Q. 9 You were tasked to look for a document sharing solution that you can map or mount in your on-premises Windows servers. What Azure service should you use?

- ☐ Azure Blob
- ☐ Azure Cosmos DB
- ☒ Azure Managed Disks
- ☐ Azure Files

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Q. 10

Your company is planning to migrate some of its servers to Azure. You need to recommend a solution wherein users can work remotely by having a secure connection to your Azure virtual machines.

What should you include in the recommendation?

☒ Point-to-Site VPN Connection

☐ ExpressRoute

☐ Traffic Manager

☐ Site-to-Site VPN Connection

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Q. 11

A company has multiple virtual machines in their Azure environment. You need to recommend a solution that will evenly distribute Internet traffic to your virtual machines.

What Azure service should you use to satisfy this requirement?

☐ Azure Traffic Manager

☐ Public Load Balancer

☐ Azure Front Door

☒ Private Load Balancer

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Q. 12 What Azure Service would you use if the project requires you to ship faster, operate with ease, scale confidently, and accelerate containerized application development?

☐ Public Load Balancer

☒ Azure Kubernetes Service

☐ Private Load Balancer

☐ Azure Container Registry

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Q. 13

An organization's patient management system migrated its application that handles patient records to Azure. Due to compliance requirements, you need to store terabytes worth of records for more than 10 years. The records are rarely accessed and can accommodate a delay in retrieval.

What storage solution would best fit the requirements?

- ☒ Store the records to Azure Blob Storage - Cold Tier
- ☐ Store the records to Azure Blob Storage - Archive Tier
- ☐ Store the records to Azure Blob Storage - Hot Tier
- ☐ Store the records in a virtual machine

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Q. 14 What are the types of locks in Azure that protect you from accidentally deleting a resource? Select two answers among the choices.

- ☐ SMB File Locking
- ☐ Azure Active Directory - Conditional Access
- ☐ Management Locks - Read-only
- ☒ Azure Active Directory - smart lockout
- ☒ Management Locks - Cannot Delete

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Q. 15

You have several hundreds of servers in a single Azure region.

You need to recommend an Azure service that will automatically deploy the same set of servers to another region.

What Azure service should you use?

- ☒ Azure Resource Manager Templates
- ☐ Azure scale set
- ☐ Azure availability set
- ☐ Azure Policy

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Q. 16

You plan on deploying servers to Azure for your development environment.

You need to create several virtual machines using a macOS device.

Solution: Use Azure Cloud Shell (Powershell).

Does this meet the goal?

☐ Correct

☒ Incorrect

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Q. 17

You plan to deploy your big data application to Azure.

You need an Azure service that will cater to your data warehousing and big data analytics requirements.

What Azure solution should you use?

Solution: Use Azure Synapse.

Does this meet the goal?

☒ Correct

☐ Incorrect

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Q. 18

A company wants to migrate to the cloud. The requirement is to have a VPN connection to connect your on-premises network to an Azure virtual network over an IPsec/IKE (IKEv1 or IKEv2) VPN tunnel.

What is the most suitable type of VPN connection that you should use?

☐ VNet peering connection

☐ Site-to-Site VPN Connection

☐ Point-to-Site VPN connection

☒ ExpressRoute Connection

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Q. 19

You are the Database Administrator of a media company. Your company requires to have a globally distributed, multi-model NoSQL database service that enables you to elastically and independently scale throughput and storage across any number of Azure regions worldwide.

What database service will you use?

☐ Azure Database for PostgreSQL Server

☐ Azure SQL Database

☐ Azure Database MySQL Server

☒ Azure Cosmos DB

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Q. 20

A company is migrating all its applications and data to Microsoft Azure. There is a strict requirement that the Azure environment must only be comprised of platform-as-a-service (PaaS) solutions to minimize the amount of administrative effort in managing the underlying resources.

Solution: Deploy the applications using Azure App Service.

Does this solution comply with the requirement?

☐ Incorrect

☒ Correct

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Q. 21

A company is migrating all its applications and data to Microsoft Azure. There is a strict requirement that the Azure environment must only be comprised of platform-as-a-service (PaaS) solutions to minimize the amount of administrative effort in managing the underlying resources.

Solution: Deploy the applications using Azure Virtual Machines and Azure App Service.

Does this solution comply with the requirement?

☒ Incorrect

☐ Correct

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Q. 22

Instructions: Check the phrase enclosed in brackets. If it is correct then choose "No change is needed" and if it is wrong, select the option that makes the statement correct.

The customer is responsible for [ensuring high availability of its applications] when using a software as a service (SaaS) solution.

- ☐ Installing its custom applications
- ☐ Configuring and using the provided cloud-based application
- ☒ No change is needed.
- ☐ Ensuring the scalability of its cloud-based applications

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Q. 23 A company is planning to deploy its suite of enterprise applications to Microsoft Azure, where each application has several dependencies and subcomponents. The company must also control and manage the patching activities of the underlying operating system of the servers. What type of cloud deployment solution should you recommend?

- ☐ Software as a Service (SaaS)
- ☒ Infrastructure as a Service (IaaS)
- ☐ Platform as a Service (PaaS)
- ☐ Functions as a service (FaaS)

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Q. 24

A company is migrating all its applications and data to Microsoft Azure. There is a strict requirement that the Azure environment must only be comprised of platform-as-a-service (PaaS) solutions to minimize the amount of administrative effort in managing the underlying resources.

Solution: Deploy the applications using the Azure App Service and migrate the data to Azure SQL databases.

Does this solution comply with the requirement?

- ☐ Incorrect
- ☒ Correct

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Q. 25 A company plans to migrate its publicly-accessible .NET and PHP applications to Azure. An environment is needed for deploying and testing the company's custom applications quickly while minimizing the administrative effort in managing the underlying server resources. The customer must be able to focus on managing its apps and services while the cloud service provider should be responsible for everything else. What type of cloud service should you recommend?

- ☒ Software as a Service (SaaS)
- ☐ Functions as a service (FaaS)
- ☐ Infrastructure as a Service (IaaS)
- ☐ Platform as a Service (PaaS)

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Q. 26

Instructions: Check the phrase enclosed in brackets. If it is correct then choose "No change is needed" and if it is wrong, select the option that makes the statement correct.

[Scalability] is the ability of a system to remain up and running even if one of its components is no longer functioning, such as an outage on a single Azure data center.

- ☒ Agility
- ☐ No change is needed
- ☐ Fault tolerance
- ☐ Elasticity

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Q. 27

You have hundreds of servers hosted in your on-premises environment.

You plan to migrate some of the servers to an Azure pay-as-you-go-subscription.

Which expenditure model should you use?

- ☐ Operating expenditure
- ☐ Public cloud
- ☒ Capital expenditure
- ☐ Azure Reservations

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Q. 28

An organization is planning to migrate its application servers hosted on-premises to Azure.

What is the primary benefit of using the public cloud for its servers?

- ☒ Public cloud is a shared entity operated by a third-party cloud service provider that various corporations can use.
- ☐ Public cloud is owned by the public and not a private organization or corporation.
- ☐ Public cloud is a free shared entity that is crowdfunded by the public and is accessible by everyone.
- ☐ Public cloud is used exclusively by a single business or organization.

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Q. 29

Your company plans on migrating its application named TDojoApp1 to Azure.

TDojoApp1 has a high usage during the first and third weeks of the month and low usage during the 2nd and 4th weeks.

Which benefit of Azure Cloud Services supports cost management for this type of usage pattern?

☐ Load balancing

☐ High availability

☒ Elasticity

☐ Fault tolerance

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Q. 30

An organization is planning to migrate all of its servers and data to Azure.

You need to recommend a solution to only use Software-as-a-Service Azure products that will support the planned migration.

Solution: Deploy Azure virtual machines and Azure SQL Database.

Does this meet the goal?

☒ Incorrect

☐ Correct

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Q. 31 You are planning to deploy an Artificial Intelligence Solution in Azure. What Azure service should you use to easily build, test, and iterate on a predictive analysis model with an interactive and visual workspace?

☐ Azure Functions

☒ Azure Cognitive Services

☐ Azure Machine Learning Studio

☐ Azure Data Studio

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Q. 32 What Azure service should you use if you want your application to have a higher level of availability and to evenly distribute internal traffic across virtual machines within a VNET?

☐ Private Load Balancer

☐ Application Gateway

☐ Public Load Balancer

☒ Network Security Group

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Q. 33 You are planning to migrate your MySQL database to Azure. What Azure service should you use to support different migration scenarios for both offline (one-time) and online (continuous sync) migrations and helps you simplify, guide, and automate your database migration to Azure?

- ☐ Azure Application Gateway
- ☐ Azure Site Recovery
- ☒ Azure Database Migration Service
- ☐ Azure Batch

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Q. 34 A news agency company plans to migrate its WordPress application to Azure. As a Support Engineer of the company, you have to suggest a service that can monitor your application, automatically detect performance anomalies, diagnose issues, and understand user behavior. Which Azure service can do this?

- ☒ Azure Application Insights
- ☐ Azure AD Connect
- ☐ Azure App Service
- ☐ Azure Application Gateway

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Q. 35

You are planning to build an application with an event-based architecture that can ingest events from Blob storage and create custom topics.

What Azure service should you use?

- ☒ Azure Event Grid
- ☐ Azure Logic Apps
- ☐ Azure Functions
- ☐ Azure Machine Learning Studio

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Q. 36 Which Azure Service enables various types of Azure resources, such as Azure Virtual Machines (VM), to securely communicate with each other, the Internet, and on-premises networks?

- ☐ Azure Sentinel
- ☐ Azure Content Delivery Network (CDN)
- ☐ Public IP
- ☒ Azure Virtual Network

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Q. 37

An organization has successfully migrated its SQL Database to Azure and they want to prevent other users in the organization from accidentally deleting or modifying critical resources.

What Azure feature should they use?

- ☐ Azure Active Directory
- ☐ Azure Resource Manager Locks
- ☒ Azure role-based access control
- ☐ Azure Policy

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Q. 38

A company wants to ensure that users in their company are authenticated when they access resources defined in their Microsoft Azure account.

Which of the following is the correct definition of authentication?

- ☐ This specifies the type of data you can use in Azure
- ☒ This specifies the type of service you can use in Azure
- ☐ This specifies what you can do in Azure
- ☐ This is the act of providing legitimate credentials

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Q. 39

A company is planning on creating several Virtual Machines within Microsoft Azure.

They would be using the Azure Virtual Machine service.

Which of the following is the right category to which the Azure Virtual Machine service belongs to?

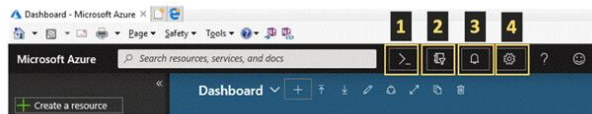
- ☒ Infrastructure as a service (IaaS)
- ☐ Platform as a service (PaaS)
- ☐ Software as a service (SaaS)
- ☐ Function as a service (FaaS)

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Q. 40

You need to manage Microsoft Azure by using Azure Cloud Shell.

Which Azure portal icon should you select?



☐ Select 2

☐ Select 3

☒ Select 1

☐ Select 4

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Q. 41 A company wants to make use of Microsoft Azure for deployment of various solutions.

They want to ensure that whenever users authenticate to Azure, they have to make use of Multi-Factor Authentication (MFA).

Which of the following can help them achieve this?

☐ Azure AD Identity Protection

☐ Azure DDoS protection

☒ Azure Security Center

☐ Azure privileged identity management

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Q. 42

A company is planning on hosting solutions within Microsoft Azure Cloud.

They need to implement MFA for identities hosted in Microsoft Azure.

There are only two valid ways of authentications for MFA as listed below:

- Picture Identification

- Passport Number

Is the above true or false?

☐ FALSE

☒ TRUE

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Q. 43 You are working on understanding all the key terms when it comes to International Standards, data privacy and data protection policies.

Which of the following choices pertains to the following?

"An organization that defines international standards across all industries"

- ☒ ISO
- ☐ GDPR
- ☐ NIST
- ☐ Azure Government

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Q. 44 You are working on understanding all the key terms when it comes to International standards, data privacy and data protection policies.

Which of the following pertains to the following?

"An organization that defines standards used by the United States government"

- ☐ ISO
- ☐ NIST
- ☒ Azure Government
- ☐ GDPR

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Q. 45

You are working on understanding all the key terms when it comes to International standards, data privacy and data protection policies. Which of the following pertains to the following?

"A European policy that regulates data privacy and data protection"

- ☐ ISO
- ☒ GDPR
- ☐ Azure Government
- ☐ NIST

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Q. 46

A company is planning on hosting 2 Virtual Machines in Azure as shown below:

When the virtual machine demovm is stopped, will you still incur costs for the storage attached to the Virtual Machine?

Virtual Machine Name	Virtual Machine Size
demovm	B1S
demovm1	B1S

☐ No

☒ Yes

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Q. 47 Which Azure service provides you with real-time analytics and complex event-processing engine?

☒ Azure Stream Analytics

☐ Azure Logic Apps

☐ Azure Event Hub

☐ Azure Data Lake

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Q. 48 Which Azure service provides recommendations on how you can optimize and improve the efficiency of your workloads by identifying idle and underutilized resources?

☐ Azure Portal

☐ Azure Cost Management + Billing

☒ Azure Monitor

☐ Azure Blueprints

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Q. 49

Instructions: Check the phrase enclosed in brackets. If it is correct then choose "No change is needed" and if it is wrong, select the option that makes the statement correct.

The [Azure Developer] support plan offers the lowest cost option to receive 24/7 technical support by email and phone.

- ☐ No change is needed
- ☐ Azure Basic plan
- ☐ Azure Professional Direct
- ☒ Azure Standard plan

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Q. 50

You have an application on Azure that utilizes Azure web app and Azure SQL Database in a single region.

The Service Level Agreement (SLA) for your Azure web app is 99.95% and 99.99% for Azure SQL Database.

What is the composite SLA for the application?

- ☐ Approximately 99.95% which is the product of the two SLAs.
- ☐ Exactly 99.95% which is the lowest SLA associated with the application.
- ☐ 99.99% which is the highest SLA associated with the application.
- ☒ 99.97% which is the average of the two SLAs divided by two.

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Q. 51

Instructions: Check the phrase enclosed in brackets. If it is correct then choose "No change is needed" and if it is wrong, select the option that makes the statement correct.

Modern Lifecycle Policy states that it will provide [a minimum of 12 months' notice before ending support for a service].

- ☒ provide three years of End of Support by purchasing paid programs for applicable products.
- ☐ provide five years of Extended Support after Mainstream Support.
- ☐ No change is needed
- ☐ provide a minimum of five years of Mainstream Support for newly released products.

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Q. 52

A company hosts its non-critical servers in Azure.

You need to recommend a support plan that gives you billing and subscription management support, Azure Advisor access, and Azure health status and notifications at the lowest possible cost.

What support plan should you include in the recommendation?

☐ Premier

☐ Developer

☐ Basic

☒ Standard

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Q. 53

A company is migrating its website to Azure. The website is accessed by users worldwide for video streaming services. You need to recommend a solution that will provide reduced load times and high transfer speeds.

What Azure service should you recommend?

☐ Load Balancers

☐ Blob Storage

☐ Network Security Groups

☒ Azure Content Delivery Network

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Q. 54

A company plans to migrate an application to Azure. The application will host the banking records of its users and you need to recommend a security information event management (SIEM) and security orchestration automated response (SOAR) solution.

What Azure service will fit your recommendation?

☒ Azure Sphere

☐ Azure Sentinel

☐ Azure CycleCloud

☐ Azure Security Center

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Q. 55

A company has a Windows Server running in an Azure Virtual Machine hosted in the South Central US Azure region. You have to view the planned maintenance, incidents, and other service outages in Azure that may affect your virtual machine and other related services.

What service should you use to accomplish the above requirement?

- ☐ Azure Advisor
- ☐ Azure Service Health
- ☒ Azure Service Fabric
- ☐ Azure Monitor

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Q. 56 What service enables you to evaluate the regulatory compliance as well as improve the compliance posture of your Azure environment?

- ☒ Azure Blueprints
- ☐ Azure Policy
- ☐ Azure Advisor
- ☐ Azure Security Center

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Q. 57 Which service can you use to create and store TLS/SSL certificates?

- ☒ Azure Security Center
- ☐ Azure Storage
- ☐ Azure Artifacts
- ☐ Azure Key Vault

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Q. 58

A company has hundreds of virtual machines that are dispersedly hosted across multiple virtual networks and subscriptions. You are tasked to limit the amount of outbound HTTPS traffic to a specified list of fully qualified domain names (FQDN) as well as limit the inbound traffic to the virtual networks.

What must be done to satisfy the above requirement?

- ☒ Integrate Azure Firewall to your network architecture.
- ☐ Launch a single network security group.
- ☐ Launch a single Azure ExpressRoute connection.
- ☐ Integrate Azure virtual network TAP (Terminal Access Point) to your network architecture.

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Q. 59 Which of the following allows you to group virtual machines that are hosted in the same virtual network and define network security policies based on those groups without manual maintenance of explicit IP addresses?

☒ Azure virtual network TAP (Terminal Access Point)

☐ Azure Firewall

☐ Network Security Groups

☐ Application Security Groups

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Q. 60

You are migrating all of the data from your on-premises data center to Azure. You have to ensure that your Azure environment adheres to the regional compliance requirements of the company.

What service should you use?

☒ Azure Advisor

☐ Trust Center

☐ Azure Marketplace

☐ Azure Active Directory

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Q. 61

You are tasked to monitor your on-premises identity infrastructure and ensure a reliable connection to Office 365 and Microsoft Online Services.

What service should you use?

☒ Azure AD Connect Health

☐ Azure Application Insights

☐ Azure App Service

☐ Azure Application Gateway

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Q. 62

Your on-premises Active Directory forest currently has 3000 users.

You plan to decommission the on-premises server that hosts the Active directory. You need to recommend a solution to migrate the users the quickest way to Azure Active Directory with minimal impact on users.

What should you recommend?

- ☐ Implement Azure Multi-Factor Authentication.
- ☐ Manually create the users in Azure Active Directory.
- ☒ Sync the on-premises Active Directory to Azure Active Directory using AD connect.
- ☐ Migrate the on-premises Active Directory server to Azure virtual machines.

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Q. 63 Which of the following can be protected by the Azure Information Protection service?

- ☐ Emails and documents
- ☒ Data stored in an Azure Storage account
- ☐ Azure SQL Databases
- ☐ Remote Desktop Protocol (RDP) connections

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Q. 64 Which of the following lets you extend your on-premises networks into the Microsoft cloud over a private connection facilitated by a connectivity provider?

- ☐ Azure Content Delivery Network (CDN)
- ☒ Azure Virtual WAN
- ☐ Azure ExpressRoute
- ☐ Azure Private Link

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Q. 65 What service enables you to correlate trace events from multiple Azure VMs and other resources into a centralized repository?

- ☐ Azure Monitor
- ☐ Azure Event Hubs
- ☐ Azure Repos
- ☒ Azure Resource Manager

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Q. 66 Which service analyzes your resource configuration and usage telemetry and then recommends solutions that can help you improve the cost-effectiveness, performance, reliability, and security of your Azure resources?

- ☐ Azure Information Protection
- ☐ Compliance Manager
- ☒ Azure Advisor
- ☐ Azure Resource Manager

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Q. 67 Which service enables cloud architects and central information technology groups to define a repeatable set of Azure resources that implements and adheres to an organization's standards, patterns, and requirements?

- ☐ Azure Monitor
- ☒ Azure Blueprints
- ☐ Azure Advisor
- ☐ Compliance Manager

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Q. 68

Instructions: Check the phrase enclosed in brackets. If it is correct then choose "No change is needed" and if it is wrong, select the option that makes the statement correct.

The [Azure Advisor] helps you track and manage your company's compliance to standards and regulations that are applicable for your organization, such as ISO 27001, NIST 800-53, and GDPR.

- ☐ No change is needed
- ☒ Azure Information Protection (AIP)
- ☐ Compliance Manager
- ☐ Azure Resource Manager

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Q. 69 What service provides security tokens that you can use for the authentication flow of your cloud-based applications?

- ☒ Azure Storage account
- ☐ Azure Security Center
- ☐ Azure Active Directory
- ☐ Azure Key Vault

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Q. 70 Instructions: Check the phrase enclosed in brackets. If it is correct then choose "No change is needed" and if it is wrong, select the option that makes the statement correct.
You have to modify the [network security] group of your virtual machine to allow connections to and from the public Internet over TCP port 8080.

☐ Azure virtual network TAP (Terminal Access Point)

☐ Azure Firewall

☐ Azure ExpressRoute

☒ No change is needed

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Q. 71 Your colleague is working on a project and informed you that he needs RDP access to the server hosted on Azure. He gave you his workstation's IP address.
Where should you whitelist his IP address?

☐ Application Security Group

☐ Activity Log

☒ Network Security Group

☐ Load Balancer

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Q. 72

Instructions: Check the phrase enclosed in brackets. If it is correct then choose "No change is needed" and if it is wrong, select the option that makes the statement correct.

[Authorization] is the process of verifying the credentials of the user.

☐ Federation

☐ Authentication

☐ Synchronization

☒ No change is needed

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Q. 73

A company needs to secure its web applications from security vulnerabilities such as volumetric, protocol, and resource layer attacks. The solution must also have the capability of automatically generating post-attack mitigation reports for compliance purposes.

What service should you use to satisfy this requirement?

- ☐ Azure Security Center
- ☐ Azure DDoS Protection Standard
- ☐ Azure Firewall
- ☒ Azure Advanced Threat Protection

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Q. 74

A company needs to configure its Azure Active Directory to automatically prompt a user to change the password if the user signs in from an anonymous IP address.

Which Azure service should you use?

- ☒ Azure Active Directory Identity Protection
- ☐ Azure AD Privileged Identity Management
- ☐ Azure Service Health
- ☐ Azure Advanced Threat Protection (ATP)

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Q. 75

Instructions: Check the phrase enclosed in brackets. If it is correct then choose "No change is needed" and if it is wrong, select the option that makes the statement correct.

The [Microsoft Privacy Statement] explains the personal data that Microsoft processes, how Microsoft processes it, and for what purposes.

- ☐ Microsoft Online Services Level Agreement
- ☐ Microsoft Online Subscription Agreement
- ☐ Microsoft Cloud Agreement (MCA)
- ☒ No change is needed

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Q. 76

A company is currently planning on setting up resources as part of their Azure subscription. They are looking at different security options that can be used to secure their Azure environment.

Which of the following could be used for the following requirement?

“Provide an extra level of security when users log into the Azure Portal”

☐ Azure Network Security Groups

☐ Azure Key Vault

☐ Azure DDoS Protection

☒ Azure Multi-Factor Authentication

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Q. 77

A company is currently planning on setting up resources as part of their Azure subscription. They are looking at different security options that can be used to secure their Azure environment.

Which of the following could be used for the following requirement?

“Provide a store that can be used to store secrets.”

☐ Azure Multi-Factor Authentication

☐ Azure Network Security Groups

☒ Azure Key Vault

☐ Azure DDoS Protection

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Q. 78

A company is currently planning on setting up resources as part of their Azure subscription. They are looking at different security options that can be used to secure their Azure environment.

Which of the following could be used for the following requirement?

“Provide Protection against distributed denial of service attacks”

☒ Azure DDoS Protection

☐ Azure Multi-Factor Authentication

☐ Azure Network Security Groups

☐ Azure Key Vault

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Q. 79 You are trying to understand the different cloud models. Which of the following are advantages of using the public cloud? Choose 2 answers from the options give below

☐ Higher costs

☐ Higher maintenance

☒ High reliability

☒ Lower costs

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Q. 80 A company plans to build a customized solution that will upload weather data to Azure using several million sensors. What should the company use to connect, monitor, and control the sensors without managing the infrastructure?

☒ Azure IoT Hub

☐ Azure App Service

☐ Azure Virtual Machine

☐ Azure Files

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Q. 81

A company plans to migrate to Azure.

The company has multiple departments and each department has its own support team lead by a department administrator.

What are two possible solutions to ensure segmentation between departments?

☒ Deploy multiple resource groups

☐ Deploy multiple Azure Active Directories

☒ Deploy multiple subscriptions

☐ Deploy multiple virtual machines

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Q. 82 What Azure service allows you to have a DNS-based traffic load balancer?

☐ Azure Public Load Balancer

☐ Azure Traffic Manager

☒ Azure Private Load Balancer

☐ Azure Network Interface

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Q. 83 You have an application running in the cloud. What service should you use to make routing decisions based on additional attributes of an HTTP request such as its URI path or host headers?

- ☐ Azure Application Insights
- ☒ Azure Application Gateway
- ☐ Azure AD Connect
- ☐ Azure App Service

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Q. 84

A company needs to store 40 TB of data in Azure that they can query using either serverless on-demand or provisioned resources at a scale. For analytics, the stored data must be integrated and visualized using Microsoft Power BI.

What Azure service should the company use?

- ☐ Azure Sphere
- ☐ Azure Database Migration Service
- ☐ Azure CycleCloud
- ☒ Azure Synapse Analytics

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Q. 85

Your company plans to deploy several virtual machines that will host its business-critical application to Azure.

You need to recommend a solution to ensure that if a single data center fails, the application will not be affected.

Solution: Deploy virtual machines to multiple resource groups with the same availability zone.

Does this meet the goal?

- ☐ Incorrect
- ☒ Correct

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Q. 86

A company is migrating its docker containers to Azure.

You need to recommend a solution that provides a set of version control tools to help developers manage the application code.

What should you include in your recommendation?

- ☐ Azure Activity log
- ☐ Azure Repos
- ☐ Azure Monitor
- ☒ Azure Pipelines

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