AZ 900 Examination SLIIT

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Section

3. You plan to migrate a web application to Azure. The web application is accessed by external users.

   You need to recommend a cloud deployment solution to minimize the amount of administrative effort
   used to manage the web application.

   What should you include in the recommendation? *
   (20 Points)

   ◯ Software as a Service (SaaS)

   ◯ Infrastructure as a Service (IaaS)

   ◯ Database as a Service (DaaS)

   ◉ Platform as a Service (PaaS)

4. You have an on-premises network that contains 100 servers.

You need to recommend a solution that provides additional resources to your users. The solution must
minimize capital and operational expenditure costs.

What should you include in the recommendation? *
(20 Points)

◉ a hybrid cloud

◯ a complete migration to the public cloud

◯ a private cloud

◯ an additional data center

5. You plan to migrate several servers from an on-premises network to Azure.

What is an advantage of using a public cloud service for the servers over an on-premises network? *
(20 Points)

◯

◯ All public cloud resources can be freely accessed by every member of the public

◯ The public cloud is owned by the public, NOT a private corporation

◉ The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud

◯ The public cloud is a crowd-sourcing solution that provides corporations with the ability to enhance the Cloud

6. In which type of cloud model are all the hardware resources owned by a third-party and shared between
multiple tenants? *
(20 Points)

○ public

○ private

○ hybrid

7. What are two characteristics of the public cloud? Each correct answer presents a complete solution. *
(20 Points)

Each correct selection is worth one point.

◉ metered pricing and self-service management

○ limited storage and self-service management

○ unsecured connections and metered pricing

○ dedicated hardware and unsecured connections

Test Continue

8. You have 1,000 virtual machines hosted on the Hyper-V hosts in a data center.

   You plan to migrate all the virtual machines to an Azure pay-as-you-go subscription.
   You need to identify which expenditure model to use for the planned Azure solution.

   Which expenditure model should you identify? *
   (20 Points)

   ○ D. scalable

   ○ elastic

   ◉ operational

   ○ capital

9. When you are implementing a Software as a Service (SaaS) solution, you are responsible for
configuring high availability.
Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct. *
(20 Points)

- ⦿ configuring the SaaS solution

- ○ installing the SaaS solution

- ○ defining scalability rules

- ○ No change is needed.

10. When planning to migrate a public website to Azure, you must plan to
pay monthly usage costs.
Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct. *
(30 Points)

- ○ pay to transfer all the website data to Azure

- ○ Deploy a VPN

- ○ reduce the number of connections to the website

- ⦿ No change is needed

Test Continue

11. A Platform as a Service (PaaS) solution that hosts web apps in Azure can be Configured to automatically scale the number of instances based on demand *
(20 Points)

- ○ Yes

- ⦿ No

12. You plan to deploy several Azure virtual machines.
    You need to ensure that the services running on the virtual machines are available
    if a single data center fails.
    Solution: You deploy the virtual machines to two or more scale sets.
    Does this meet the goal? *
    (20 Points)

    ◉ Yes

    ○ No

13. When you are Implementing a Software as a Service (SaaS) Solution, you are
    Responsible for *
    (20 Points)

    ○ Configuring high Availability

    ◉ Configuring the SaaS Solution

    ○ Installing the SaaS Solution

    ○ Defining scalability rules.

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

    NOTE: Each correct selection is worth one point. *
    (30 Points)

	Yes	No
Azure Pay-As-You-Go Pricing is an Example of CapEx	○	◉
Azure Reserved VM instances are an example of OpEx	○	◉

Deploying your own
datacenter is an Example of
CapEx

15. Your company plans to migrate all its data and resources to Azure.
The company's migration plan states that only platform as a service (PaaS)
solutions must be used in Azure.
You need to deploy an Azure environment that supports the planned migration.

**Solution: You create an Azure App Service and Azure virtual machines that
have Microsoft SQL Server
installed.**

Does this meet the goal? *
(20 Points)

- ● Yes

- ○ No

16. A Resources Group can contain recourses from Multiple Azure Regions *
(20 Points)

- ● Yes

- ○ No

17. Your company plans to migrate all its data and resources to Azure.
The company's migration plan states that only Platform as a Service (PaaS)
solutions must be used in Azure.
You need to deploy an Azure environment that meets the company migration
plan.
**Solution: You create an Azure virtual machines, Azure SQL databases, and
Azure Storage accounts.**
Does this meet the goal? *
(20 Points)

- ○ Yes

○ No

18. An Azure Subscription can have multiple account administrators *
    (20 Points)

    ○ Yes

    ● No

19. To complete the sentence, select the appropriate option in the answer area. *
    (20 Points)

    *An Azure web app that queries an on-premises Microsoft SQL server is and example of a ***********
    Cloud*

    ○ Multi Vendor

    ● Hybrid

    ○ public

    ○ Private

Test Continue

20. You plan to provision Infrastructure as a Service (IaaS) resources in Azure.
    Which resource is an example of IaaS? *
    (20 Points)

    ○ an Azure web app

    ● an Azure virtual machine

    ○ an Azure logic app

    ○ an Azure SQL database

21. Every Azure Region has Multiple datacenters *
    (20 Points)

    ⦿ Yes

    ◯ No

22. Your company hosts an accounting named App1 that is used by all the customers
    of the company.
    App1 has low usage during the first three weeks of each month and very high
    usage during the last week of each month.

    Which benefit of Azure Cloud Services supports cost management for this type of
    usage pattern? *
    (20 Points)

    ◯ High Availability

    ◯ High Latency

    ⦿ Elasticity

    ◯ load balancing

23. You have an on-premises network that contains 100 servers.
    You need to recommend a solution that provides additional resources to your
    users. The solution must
    minimize capital and operational expenditure costs.

    What should you include in the recommendation?
    *
    (20 Points)

    ◯ a complete migration to the public cloud

    ◯ an additional data center

    ◯ a private cloud

    ⦿ a hybrid cloud

24. You plan to migrate several servers from an on-premises network to Azure.
You need to identify the primary benefit of using a public cloud service for the
servers.

What should you identify?
*

(30 Points)

○ The public cloud is owned by the public, **NOT** a private corporation

○ The public cloud is a crowd-sourcing solution that provides corporations with the ability to
enhance the Cloud

○ All public cloud resources can be freely accessed by every member of the public

◉ The public cloud is a shared entity whereby multiple corporations each use a portion of the
resources in the Cloud

25. To which cloud models can you deploy physical servers? *
(20 Points)

○ private cloud and hybrid cloud only

○ private cloud only

◉ private cloud, hybrid cloud and public cloud

○ hybrid cloud only

26. **Resource groups** provide organizations with the ability to manage the
compliance of Azure resources across multiple subscriptions.
Instructions: Review the underlined text. If it makes the statement correct, select
"No change is needed". If the

statement is incorrect, select the answer choice that makes the statement correct. *
(20 Points)

○ No Changes Need

○   Management Groups

◉   Azure Policies

○   Azure App Service plans

27. A Cloud Service that can be accessed quickly to the internet *
    (20 Points)

    ○   Fault Tolerance

    ○   Disaster Recovery

    ○   Dynamic Scalability

    ◉   Low Latency

28. You plan to deploy several Azure virtual machines.
    You need to ensure that the services running on the virtual machines are available
    if a single data center fails.
    Solution: You deploy the virtual machines to two or more availability zones.

    Does this meet the goal?
    *
    (20 Points)

    ○   Yes

    ◉   No

29. In The Public Cloud model, Only Guest users at your company can access the
    resources in the cloud *
    (20 Points)

    ○   Yes

    ◉   No

30. You can use Availability Zones in Azure to Protect Azure Managed virtual machines from a region failure *
(20 Points)

    ◉ Yes

    ○ No

Exam Continue

31. Azure policies provide a common platform for deploying objects to a cloud infrastructure and for implementing consistency across the Azure environment. Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct. *
(20 Points)

    ○ No change is needed

    ○ Resource groups provide

    ◉ Azure Resource Manager provides

    ○ Management groups provide

32. You attempt to create several managed Microsoft SQL Server instances in an Azure environment and receive a message that you must increase your Azure subscription limits.

What should you do to increase the limits? *
(20 Points)

    ○ A. Create a service health alert

    ○ B. Upgrade your support plan

    ○ C. Modify an Azure policy

    ◉ D. Create a new support request

33. A team of developers at your company plans to deploy, and then remove, 50 virtual machines each week. All the virtual machines are configured by using Azure Resource Manager templates.

You need to recommend which Azure service will minimize the administrative effort required to deploy and remove the virtual machines

What should you recommend?
*
(30 Points)

○ Azure Reserved Virtual Machines (VM) Instances

◉ Azure DevTest Labs

○ Azure virtual machine scale sets

○ Microsoft Managed Desktop

34. Provides Serverless computing Functionalities *
(20 Points)

○ Azure Machine Learning

○ Azure IOT Hub

○ Azure AI Bot

◉ Azure Functions

35. Your company has several business units.
Each business unit requires 20 different Azure resources for daily operation. All the business units require the same type of Azure resources.

You need to recommend a solution to automate the creation of the Azure resources.
What should you include in the recommendations? *
(20 Points)

◉ Azure Resource Manager templates

○ virtual machine scale sets

○ the Azure API Management service

○ management groups

36. Detects and Diagnoses anomalies in web apps *
(20 Points)

○ Azure DataBricks

○ Azure Functions

○ Azure App Service

● Azure Application Insights

37. You need to identify the type of failure for which an Azure availability zone can be used to protect access to Azure services.
What should you identify? *
(20 Points)

○ a physical server failure

○ an Azure region failure

○ a storage failure

● an Azure data center failure

38. Your company plans to move several servers to Azure.
    The company's compliance policy states that a server named FinServer must be on a separate network
    segment.
    You are evaluating which Azure services can be used to meet the compliance policy requirements.

    Which Azure solution should you recommend?

    *

    (20 Points)

    ⦿ a resource group for FinServer and another resource group for all the other servers

    ○ . a virtual network for FinServer and another virtual network for all the other servers

    ○ a VPN for FinServer and a virtual network gateway for each other server

    ○ one resource group for all the servers and a resource lock for FinServer

39. Which Azure service provides a set of version control tools to manage code? *
    (20 Points)

    ⦿ A. Azure Repos

    ○ B. Azure DevTest Labs

    ○ C. Azure Storage

    ○ D. Azure Cosmos DB

Questions Continue

40. Your company plans to migrate all its network resources to Azure.
    You need to start the planning process by exploring Azure.

    What should you create first? *
    (20 Points)

○ A. a subscription

○ B. a resource group

○ C. a virtual network

○ D. a management group

41. You plan to map a network drive from several computers that run Windows 10 to Azure Storage.
You need to create a storage solution in Azure for the planned mapped drive.

What should you create? *
(20 Points)

○ an Azure SQL database

○ a virtual machine data disk

● a Files service in a storage account

○ a Blobs service in a storage account

42. Which Azure service should you use to correlate events from multiple resources into a centralized repository? *
(20 Points)

○ Azure Event Hubs

○ Azure Analysis Services

○ Azure Monitor

● Azure Log Analytics

43. You plan to deploy several Azure virtual machines.
    You need to control the ports that devices on the Internet can use to access the
    virtual machines.
    What should you use? *
    (20 Points)

    ⦿ A. a network security group (NSG)

    ○ B. an Azure Active Directory (Azure AD) role

    ○ C. an Azure Active Directory group

    ○ D. an Azure key vault

44. Which Azure service should you use to collect events from multiple resources into
    a centralized repository? *
    (20 Points)

    ○ A. Azure Event Hubs

    ⦿ B. Azure Analysis Services

    ○ C. Azure Monitor

    ○ D. Azure Stream Analytics

45. An Availability Zone in Azure has physically separate locations across two
    continents.
    Instructions: Review the underlined text. If it makes the statement correct, select
    "No change is needed." If the
    statement is incorrect, select the answer choice that makes the statement correct. *
    (20 Points)

    ⦿ A. No change is needed.

    ○ B. within a single Azure region

    ○ C. within multiple Azure regions

    ○ D. within a single Azure datacenter

46. What can you use to automatically send an alert if an administrator stops an Azure virtual machine? *
(20 Points)

○ A. Azure Advisor

◉ B. Azure Service Health

○ C. Azure Monitor

○ D. Azure Network Watcher

47. You have an Azure environment that contains 10 virtual networks and 100 virtual machines.
You need to limit the amount of inbound traffic to all the Azure virtual networks.

What should you create? *
(20 Points)

○ A. one application security group (ASG)

○ B. 10 virtual network gateways

○ C. 10 Azure ExpressRoute circuits

◉ D. one Azure firewall

48. Azure Key Vault is used to store secrets for Azure Active Directory (Azure AD) user accounts.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct. *
(20 Points)

○ A. No change is needed

○ B. Azure Active Directory (Azure AD) administrative accounts

○ C. Personally Identifiable Information (PII)

◉ D. server applications

49. Your company plans to automate the deployment of servers to Azure.

    Your manager is concerned that you may expose administrative credentials during the deployment.
    You need to recommend an Azure solution that encrypts the administrative credentials during the deployment.

    What should you include in the recommendation?
    *
    (20 Points)

    ◉ A. Azure Key Vault

    ○ B. Azure Information Protection

    ○ C. Azure Security Center

    ○ D. Azure Multi-Factor Authentication (MFA)

50. You plan to deploy a website to Azure. The website will be accessed by users worldwide and will host large video files.
    You need to recommend which Azure feature must be used to provide the best video playback experience.

    What should you recommend? *
    (20 Points)

    ○ A. an application gateway

    ○ B. an Azure ExpressRoute circuit

    ◉ C. a content delivery network (CDN)

    ○ D. an Azure Traffic Manager profile

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