

Q1)

Your team is planning on hosting an application that will be hosted on two virtual machines In Azure name demovm1 and demovm2 You have to load balance the traffic from the internet to the virtual machines using one Azure Load Balancer.

You need to recommend the minimum number of public IP addresses that would be required. What is the minimum number of public IP addresses that would be required for demovm2?

- Zero

Explanation:-When the request is directed from the Load Balancer to the back end virtual machine. It is made to the private IP address of the back end virtual machine. This is why you don't need to have a public IP address assigned to the virtual machine

- 1
 - 2
 - 3
-

Q2)

A company wants to run a series of task using the Azure batch service. They have the following key requirements.

- 1) large-scale parallel execution of azure batch job.
- 2) minimize costs to run the solution.

Which of the following would you consider implementing for the virtual machines for running the batch jobs?

- basic A series virtual machines
- use virtual machines that support message passing interface (MPI)
- low priority virtual machine

Explanation:-

The Azure best service already gives you the capability of running processes in parallel. if you want to ensure minimum cost to your solution, then you can consider using low priority nodes

The number of nodes and VM size are set using defined constants. Batch supports dedicated nodes and **low-priority nodes**, and you can use either or both in your pools. Dedicated nodes are reserved for your pool. Low-priority nodes are offered at a reduced price from surplus VM capacity in Azure. Low-priority nodes become unavailable if Azure does not have enough capacity. The sample by default creates a pool containing only 5 low-priority nodes in size *Standard_A1_v2*.

- burstable virtual machine
-

Q3)

The company has deployed several applications To azure based virtual machine. This virtual machines need to be managed by a set of administrators by using point to site VPN Connections.

The certificate for the connections will be generated by an on-premise certification authority. You need to provide recommendations on what certificates are required for the deployment. Which of the following needs to be set up on the trusted root certification authorities certificate store on each laptop?

- The root CA certificate that has the private key
- The root CA certificate that has the public key
- The users certificate that has the private key

Explanation:-

At Server: need to install 'Root Certificate having public Key' normally '.crt file
At Client Computer: need to install 'Client Certificate having Private key'

Point-to-Site certificate authentication connections require the following prerequisites:

- A Dynamic VPN gateway.
- The public key (.cer file) for a root certificate, which is uploaded to Azure. This key is considered a trusted certificate and is used for authentication
- A client certificate generated from the root certificate, and installed on each client computer that will connect. This certificate is used for client authentication
- A VPN client configuration package must be generated and installed on every client computer that connects. The client configuration package configures the native VPN client that's already on the operating system with the necessary information to connect to the VNet

Point-to-site connection don't require a VPN device or an on-premise public facing IP address. the VPN connection is created over SSTP (Secure socket tunneling protocol). on the server side we support sstp versions 10.11.1 and 12. decline decide which version to use for Windows 8.1 and above SSTP uses 12 by default

- The user certificate that has the public key
-

Q4)

The company has deployed several applications To azure based virtual machine. This virtual machines need to be managed by a set of administrators by using point to site VPN Connections.

The certificate for the connections will be generated by an on premise certification authority. You need to provide recommendations on what certificates are required for the deployment Which of the following needs to be set up on the Users personal store on each laptop ?

- the root CA certificate that has the public key
- the users certificate that has the private key

Explanation:-The user's personal store will have the user certificate that has the private key

- The root CA certificate that has the private key
- the user certificate that has the public key

Q5)

The company has deployed several applications To azure based virtual machine.This virtual machines need to be managed by a set of administrators by using point to site VPN Connections.

The certificate for the connections will be generated by an on premise certification authority. You need to provide recommendations on what certificates are required for the deployment Which of the following needs to be set up in the Azure VPN gateway ?

- The root CA certificate that has the private key
- the root CA certificate that has the public key
- the users certificate that has the private key
- the user certificate that has the public key

Q6)

Our company has deployed several applications across Windows and LINUX virtual machines in Azure.

Log analytics are being used to send the required data for alerting purposes for the virtual machines .

You need to recommend which tables need to be queried for security related queries. Which of the following would you query for event from Windows event logs

- Azure activity
- Azure diagnostics
- Event
- syslog

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Our company has deployed several applications across Windows and LINUX virtual machines in Azure.

Log analytics are being used to send the required data for alerting purposes for the virtual machines .

You need to recommend which tables need to be queried for security related queries. Which of the following would you query for events from Linux system logging?

- Azure activity
- Azure diagnostics
- Event
- syslog

Q8)

Your company needs to generate a monthly report to determine the what who and when for any write operations on all resources that were deployed to the Azure subscription.

Which of the following would help achieve this requirement?

- Azure log Analytics
- Azure activity log

Explanation:-

You can actually go to the

- 1) activity log section in Azure monitor.
- 2) choose the time span for the time period required.
- 3)download the report as csv

- Azure monitor action groups
- Azure advisor

Q9)

A company is planning on deploying an application onto Azure. the application will be based on the .Net core programming language.

The application would be hosted using Azure web apps. The various requirement for the applications are

- 1) Give the ability to correlate Azure resource usage and the performance data with the actual application configuration and performance data.**
- 2) Give the ability to visualize the relationship between application components .**
- 3) Give the ability to track request and exceptions to specific lines of code from within the application.**
- 4) Give the ability to actually analyse how users return to an application and see how often they only select a particular drop down value.**

Which of the following service would be best suited for fulfilling the requirement of

“ Give the ability to correlate Azure resource usage and the performance data with the actual application configuration and performance data”

- Azure application insights
- Azure service map
- Azure log Analytics

Explanation:-You can send that about the application resource usage to Azure log analytics you can then build queries on the Stored data

- Azure activity log

Q10)

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- 2) Give the ability to visualize the relationship between application components.**
- 3) Give the ability to track request and exceptions to specific lines of code from within the application.**
- 4) Give the ability to actually analyse how users return to an application and see how often they only select a particular dropdown value.**

Which of the following service would be best suited for fulfilling the requirement of “Give the ability to visualize the relationships between application components” ?

- Azure application insights

Explanation:-This feature is part of the application insights tool

- Azure service map
- Azure activity log

Q11)

A company is planning on deploying an application onto Azure. the application will be based on the .Net core programming language.

The application would be hosted using Azure web apps. The various requirement for the applications are

- 1) Give the ability to correlate Azure resource usage and the performance data with the actual application configuration and performance data.**
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- 3) Give the ability to track request and exceptions to specific lines of code from within the application.**
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- Azure service map
- Azure log Analytics
- Azure activity log

Q13)

A company is setting up the required privileges for users in the Azure AD tenant.

They need to assigned a group of users with the below mentioned privileges

1) the user should be able to manage virtual network.

2) they should not be allowed to manage role assignments.

You need to ensure the right role is assigned based on the least privilege access. You decide to provide the owner role to the group.

Would this fulfilled the requirement?

Correct

Incorrect

Explanation:-This would also allow the users to have the ability to manage all resources and this would provide to many privileges

Q14)

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1) the user should be able to manage virtual network.

2) they should not be allowed to manage role assignments.

You need to ensure the right role is assigned based on the least privilege access. You decide to provide the Contributor role to the group.

Would this fulfilled the requirement?

Correct

Incorrect

Explanation:-This would also allow the users to have the ability to manage all resources and this would provide to many privileges

Q15)

A company is setting up the required privileges for users in the Azure AD tenant. They need to assigned a group of users with the below mentioned privileges.

1) the user should be able to manage virtual network.

2) they should not be allowed to manage role assignments.

You need to ensure the right role is assigned based on the least privilege access. You decide to provide the Network Contributor role to the group.

Would this fulfilled the requirement?

Correct

Explanation:-Correct, this is the ideal role which allows user to manage virtual networks but does not give them the access to manage role assignment

Incorrect

Q16)

A company is planning to migrate an on premise application to Azure. One component of the application is a Windows native application that would be used to perform image processing. It needs to be ensured that when the component is not running.

No Azure compute resources are consumed. You also need to ensure that the image processing application runs every hour.

You decide to use Azure webjobs for implementation.

Would this fulfill the requirement?

Correct

Incorrect

Explanation:-Azure web jobs are used along with Azure web apps for performing background tasks. Here there is no mention of the application being a web application

Q17)

A company is planning to migrate an on-premise application to Azure. one component of the application is a Windows native application that would be used to perform image processing. It needs to be ensured that when the component is not running.

No Azure compute resources are consumed. You also need to ensure that the image processing application runs every hour. You decide to use Azure Functions for implementation.

Would this fulfill the requirement?

Incorrect

Correct

Explanation:-This would fulfill the requirement so as your functions can run as part of the consumption plan wherein they only consume resources when they are Run

Q18)

A company is planning to migrate an on-premise application to Azure. one component of the application is a Windows native application that would be used to perform image processing. It needs to be ensured that when the component is not running.

No Azure compute resources are consumed. You also need to ensure that the image processing application runs every hour.

You decide to use AzureLogic App for implementation.

Would this fulfill the requirement?

- Correct
- Incorrect

Explanation:-Azure logic apps is more of a workflow based application.

Q19)

A company currently has a web application deployed in classic ASP application make use of third party DLL

'The deployment process for the application is too prone to errors and scaling and high availability are always issues.

You need to device an approach to modernize the application that could be deployed to Azure and also ensure deployment and administrative overheads are reduced.

Which of the following would you use as the modernization approach?

- Use Azure logic apps
- Use Azure functions
- Use Azure virtual machines
- Use Azure container services

Explanation:-The ideal approach for modernization of application is to use containers and then to run in the cloud you can use Azure container services

Q20)

A company currently has a web application deployed in classic ASP application make use of the third party DLL'The deployment process for the application is too prone to errors and scaling and high availability are always issues.

You need to device an approach to modernizing the application that could be deployed to Azure and also ensure deployment and administrative overheads are reduced.

Which of the following would you use as the deployment approach?

- Package the application into one DLL
- Configure the application into a web role
- Package the application into a container

Explanation:-You should package your application into containers which can then be deployed on to Azure

- Configure the application as a services

Q21)

A team needs to deploy an application on to azure. The application will be used to perform intensive and long complete calculation.

You need to deploy the solution to Azure Following are the key requirements

- 1) Ensure every compute node can communicate with each other
- 2) Maximize the number of nodes perform the computations faster
- 3) Least amount of effort to implement entire solution.

Which of the following would you use as a service for hosting the solution?

- Azure Load Balancer
- Azure application gateway
- Azure Virtual Machine scale sets
- Azure Batch

Explanation:-The ideal solution to use for this is the Azure Batch Service

Q22)

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You need to deploy the solution to Azure Following are the key requirements

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- 2) Maximize the number of nodes perform the computations faster,
- 3) Least amount of effort to implement entire solution.

Which of the following would you Implement within the service?

- ensure session affinity
- ensure parallel task execution

Explanation:-Since we are going to be using the Azure Batch Service to run the workloads. we need to ensure the tasks run in parallel

- enable container
- enable URL routing

Q23)

OVERVIEW:

XYZ is an online training provider

EXISTING ENVIRONMENT:

The existing environment for XYZ currently consists of the following resources

- 1)An on-premise data centre that hosts an Active Directory forest named XYZ.com
- 2)The Active Directory contains users from different departments - IT, Finance, HR
- 3)The following table shows the On-premise infrastructure. All servers are running in a virtualized environment

On-premise server name	Type of Virtualization	Virtual Machine name
XYZ -ser1	VMware vCenter server	demovm
XYZ -ser2	Hyper-V host	demovm-test

There are 2 web applications that are hosted on the On-premise environment. The overall details of the web applications are given below

- 1)Programming Language - .Net
- 2)Average memory used for each application – 1 GB

PROPOSED ENVIRONMENT:

- 1)XYZ is looking towards purchasing an Azure subscription and setting up their environment in Azure
- 2)The Virtual Machines need to have a central location for storage of files. They would connect to these file shares using SMB.
- 3)All applications and Virtual Machines need to be migrated onto Azure
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- 5)The following Virtual Networks and subnets are going to be setup in Azure

Virtual Network name	Address space
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Subnet name	Virtual Network name	Address space
SubnetA	XYZ -net1	10.0.1.0/24
SubnetB	XYZ -net2	20.0.1.0/24

Technical Requirements

- The Instances for the underlying Web applications should be able to scale up to 5 instances
- The migrated Virtual Machines in Azure should be able to communicate to the Internet on port 8080
- A workflow should be in place for demovm when it is migrated onto Azure. The IT Administrative staff needs to be notified on any changes that occur on this Virtual Machine
- Minimize costs wherever possible

There should be an encrypted connection between the On-premise data centre and the Virtual Network XYZ -net2

The IT security department has the requirement to ensure they get notified if there are any changes made to the configuration of the underlying virtual machines.

How workflow needs to be designed for this requirement. Which of the following would you use for this purpose?

- Azure service bus
- Azure event hub
- Azure logic app

Explanation:-If you are looking at creating workflows then you have to use Azure logic apps

- Azure notification hub

Q24)**OVERVIEW:**

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There should be an encrypted connection between the On-premise data centre and the Virtual Network XYZ -net2

Which of the following services would you use to fulfill the case study requirement

"The virtual machines need to have a Central location for storage of files. they would connect to these file shares using SMB"

- Azure BLOB storage
- Azure site recovery
- Azure file service

Explanation:- You would use the Azure file service which can be used to work with shares via the SMB protocol

- Azure table service

Q25)**OVERVIEW:**

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There should be an encrypted connection between the On-premise data centre and the Virtual Network XYZ -net2

You need to comply with the case study requirement.

"There should be an encrypted connection between the on-premise data centre and the virtual network XYZ-net2".

You decide to provision a point to site VPN connection. Would this fulfill the requirement?

- Correct
 Incorrect

Explanation:-Point to site connections are used when you want to connect to an Azure virtual network from workstation PC's

Q26)

Your team needs to deploy a Virtual machine that will host a SQL Server.

The Virtual machine will have 2 data disks, one for the log file and the other for the data files.

You need to recommend a caching policy for each disk. Which of the following would you recommend for the data disk containing the logs?

None

Explanation:-This is clearly mentioned in the Microsoft documentation

- ReadOnly
- WriteOnly
- ReadWrite

Q27)

Your team needs to deploy a Virtual machine that will host a SQL Server. The Virtual machine will have 2 data disks, one for the log file and the other for the data files. You need to recommend a caching policy for each disk.

Which of the following would you recommend for the data disk containing the data?

- WriteOnly
- ReadOnly

Explanation:-This is clearly mentioned in the Microsoft documentation

- None
- ReadWrite

Q28)

A company needs to move a web application onto Azure. Below are the main requirements for the application.

- 1) The application must be available to users even if an Azure data center becomes unavailable.**
- 2) Costs must be minimized.**

Which of the following would you recommend?

- Deploy a load balancer and the web application in 2 Azure regions
- Deploy a Traffic Manager and the web application in 2 Azure regions
- Deploy a load balancer and a virtual machine scale set in 2 Azure regions
- Deploy a load balancer and a virtual machine scale set across two availability zones

Explanation:-

A Data center corresponds to the concept of availability zones. So, if you want to maintain availability even in a data center outage, then make use of availability sets.

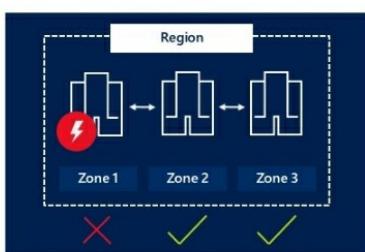
Use availability zones to protect from datacenter level failures

[Availability zones](#) expand the level of control you have to maintain the availability of the applications and data on your VMs.

Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking. To ensure resiliency, there are a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures. Zone-redundant services replicate your applications and data across Availability Zones to protect from single-points-of-failure.

An Availability Zone in an Azure region is a combination of a **fault domain** and an **update domain**. For example, if you create three or more VMs across three zones in an Azure region, your VMs are effectively distributed across three fault domains and three update domains. The Azure platform recognizes this distribution across update domains to make sure that VMs in different zones are not updated at the same time.

With Availability Zones, Azure offers [industry best 99.99% VM uptime SLA](#). By architecting your solutions to use replicated VMs in zones, you can protect your applications and data from the loss of a datacenter. If one zone is compromised, then replicated apps and data are instantly available in another zone.



Learn more about deploying a [Windows](#) or [Linux](#) VM in an Availability Zone.

All other options are invalid, since you need to minimize on costs, and you don't need to deploy resources across regions

Q29)

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- Minimize costs wherever possible

There should be an encrypted connection between the On-premise data centre and the Virtual Network xyz -net2

You need to comply with the case study requirement.

"There should be an encrypted connection between the on-premise data centre and the virtual network XYZ-net2".

You decide to implement Virtual Network Peering. Would this fulfill the requirement?

Correct

Incorrect

Explanation:- Virtual network peering is used to connect multiple virtual networks together

Q30)

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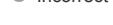
"There should be an encrypted connection between the on-premise data centre and the virtual network XYZ-net2".

You decide to implement a site-to-site VPN Connection. Would this fulfill the requirement?



Correct

Explanation:-This is the ideal and correct way to connect an Azure virtual network with an on-premise data centre



Incorrect

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Subnet name	Virtual Network name	Address space
SubnetA	XYZ -net1	10.0.1.0/24
SubnetB	XYZ -net2	20.0.1.0/24

Technical Requirements

- The Instances for the underlying Web applications should be able to scale up to 5 instances
- The migrated Virtual Machines in Azure should be able to communicate to the Internet on port 8080
- A workflow should be in place for demovm when it is migrated onto Azure. The IT Administrative staff needs to be notified on any changes that occur on this Virtual Machine
- Minimize costs wherever possible

There should be an encrypted connection between the On-premise data centre and the Virtual Network XYZ -net2

You need to decide on the implementation strategy for the synchronization of user passwords between the on-premise AD and the Azure AD tenant. You need to ensure that the sign-in is completely managed in the cloud.

The company country does not have the need to apply any policies from their on-premise AD for the authentication process. Which of the following would you consider for the configuration of the synchronization?

- Federation with password hash sync
- Federation
- Pass-through authentication
- Password hash sync

Q32)

A company is developing an application that will be hosted using the Azure Kubernetes Service.

The application module need to transmit files to a destination location and must make use of an encryption key for the encryption of the files before transmission.

Which of the following will be used for managing the storage of the encryption keys?

- Secrets in Azure key vault
- Azure storage service encryption
- A kubernetes deployment YAML file
- A ConfigureMap service

Q33)

Your team is planning on hosting an application that will be hosted on two virtual machines In Azure name demovm1 and demovm2

You have to load balance the traffic from the internet to the virtual machines using one Azure Load Balancer.

You need to recommend the minimum number of public IP addresses that would be required.

What is the minimum number of public IP addresses that would be required for the Load Balancer

- Zero
- 1

Explanation:-You would just need one public IP address assigned to the Load Balancer if you look at the example given in the Microsoft documentation on the public Load Balancer you can see that the request come from the clients to the public IP and port of the Load Balancer

- 2
- 3

Q34)

Your team is planning on hosting an application that will be hosted on two virtual machines In Azure name demovm1 and demovm2 You have to load balance the traffic from the internet to the virtual machines using one Azure Load Balancer.

You need to recommend the minimum number of public IP addresses that would be required.

What is the minimum number of public IP addresses that would be required for demovm1?

- Zero

Explanation:-When the request is directed from the Load Balancer to the back end virtual machine. it is made to the private IP address of the back end virtual machine. this is why you don't need to have a public IP address assigned to the virtual machine

- 1
 - 2
 - 3
-

Q35)

A company is planning on deploying a stateless based application based on microservices using the Azure service fabric service.

You need to design the infrastructure that would be required in the Azure service fabric service.

Which of the following should you consider? Choose 2 answers from the applications given below

- the number of nodes types in the cluster
 - the properties for each node type
 - a network connectivity
 - the service tier
-

Q36)

The company currently has the following systems running on their on-premise network.

- 1) An ASP.net application running on internet information services,
- 2) A MongoDB database. the company wants to migrate the system on to Azure.

The company wants to migrate the systems onto Azure. They want to ensure to use managed services to reduce the administrative overhead.

They want to minimize the time for migration as well and also reduce costs wherever possible.Which of the following Azure service would you use for the ASP.Net application?

- Azure virtual machines
- Azure functions
- Azure app services

Explanation:-The ideal service to use is the Azure web app in the Azure app service

- Azure Virtual Machine scale sets
-

Q37)

The company currently has the following systems running on their on-premise network.

- 1) An ASP.net application running on internet information services,
- 2) A MongoDB database. the company wants to migrate the system on to Azure.

The company wants to migrate the systems onto Azure. They want to ensure to use managed services to reduce the administrative overhead.

They want to minimize the time for migration as well and also reduce costs wherever possible. Which of the following Azure service would you use for the MongoDB database?

- CosmosDB

Explanation:-You can use the MongoDB API which is available as part of CosmosDB

- Azure functions
 - Azure SQL database
 - Virtual Machine
-

Q38)

A company currently an on premise setup in place. They want to migrate a set of their on-premise SQL server to Azure. They want to make use of their existing SQL server licences that they have as part of their software Assurance contract with Microsoft.

This would help them make use of their existing investment. They decide to setup Azure virtual machines and install the SQL server engine on those machine. Would this fulfill the requirement?

- Correct

Explanation:-Since you are fully in control of the underline virtual machine, you can install the SQL server engine and make use of your existing licences

- Incorrect
-

Q39)

A company currently an on premise setup in place. they want to migrate a set of their on-premise SQL server to Azure.

They want to make use of their existing SQL server licences that they have as part of their software Assurance contract with Microsoft. This would help them make use of their existing investment.

They decide to use the Azure SQL database service along with the DTU licensing model. Would this fulfill the requirement?

- Correct
 Incorrect

Explanation:-The DTU licensing model would be less effective as you won't be able to make use of your existing licences

Q40)

A company currently an on premise setup in place. They want to migrate a set of their on-premise SQL server to Azure.

They want to make use of their existing SQL server licences that they have as part of their software Assurance contract with Microsoft. This would help them make use of their existing investment.

They decide to use the Azure SQL database service along with the v-core licensing model. Would this fulfill the requirement?

- Correct
Explanation:-Correct this would work in this model. you can make use of the Azure hybrid benefit. Here you can make use of your existing licences
 Incorrect
-

Q41)

A company is planning on deploying an application onto a set of virtual machines. They are going to spin it up as part of a virtual machine scale set.



- Operating System disk image – Windows Server 2016
- Availability Zone – None
- Instance count – 2
- Instance Size – Standard DS1 v2
- Load Balancing Options – None
- Autoscale - Enabled

Below are the key requirements of the application.

- 1) scale instances based on CPU threshold going beyond 60%.
- 2) provide redundancy if the primary Azure region goes down.
- 3) Distribute incoming user traffic.

Does the architecture support the scaling requirement?

- Correct
Explanation:-Since this is part of a scale set it would scale based on demand you just need to ensure the right scaling rules are placed as part of the scale set
 Incorrect
-

Q42)

A company is planning on deploying an application onto a set of virtual machines. They are going to spin it up as part of a virtual machine scale set.



- Operating System disk image – Windows Server 2016
- Availability Zone – None
- Instance count – 2
- Instance Size – Standard DS1 v2
- Load Balancing Options – None
- Autoscale - Enabled

Below are the key requirements of the application.

- 1) scale instances based on CPU threshold going beyond 60%.
- 2) provide redundancy if the primary Azure region goes down.
- 3) Distribute incoming user traffic.

Does the architecture support the redundancy requirement?

- Correct
 Incorrect

Explanation:-The virtual machine scale sets can only provide the scaling feature and not redundancy.

You can use the traffic manager service to provide redundancy by routing traffic to secondary location.

Q43)

A company is planning on deploying an application onto a set of virtual machines. They are going to spin it up as part of a virtual machine scale set.



- Operating System disk image – Windows Server 2016
- Availability Zone – None
- Instance count – 2



- Instance Size – Standard DS1 v2
- Load Balancing Options – None
- Autoscale - Enabled

Below are the key requirements of the application.

- 1) scale instances based on CPU threshold going beyond 0%.
- 2) provide redundancy if the primary Azure region goes down.
- 3) Distribute incoming user traffic.

Does the architecture support the traffic distribution requirement?

- Correct
 Incorrect

Explanation:-Change there is no Load Balancer or application gateway placed in front of the scale set traffic distribution is not possible with setup

Q44)

A team is setting the below policy for the backup of Azure virtual machine.

DefaultPolicy

Associated items Delete Save Discard

Backup schedule

* Frequency * Time * Timezone

Daily 17:00 (UTC Coordinated Universal Time)

Instant Restore

Retain instant recovery snapshot(s) for

2 Day(s)

Retention range

Retention of daily backup point.

* At For

17:00 30 Day(s)

Retention of weekly backup point.

* On * At For

Sunday 17:00 12 Week(s)

Retention of monthly backup point.

Week Based Day Based

* On * Day * At For

First Sunday 17:00 12 Month(s)

Retention of yearly backup point.

Week Based Day Based

* In * On * Day * At For

January First Sunday 17:00 2 Year(s)

What is the minimum recovery point objective for virtual machines backed up by this policy?

- 1 hour
 1 day

Explanation:-Since there is a backup being taken everyday the minimum recovery point objective is one day. recovery point objective is the point to which you can recover back to based on the backups been taken. since the backups are being taken everyday there would be a recovery point available on a daily basic

- 12 weeks
 12 months

Q45)

A team is setting the below policy for the backup of Azure virtual machine

DefaultPolicy

Associated items Delete Save Discard

Backup schedule

* Frequency * Time * Timezone

Daily 17:00 (UTC Coordinated Universal Time)

Instant Restore

Retain instant recovery snapshot(s) for

2 Day(s)

Retention range

Retention of daily backup point.

* At For

17:00 30 Day(s)

Retention of weekly backup point.

* On Sunday * At 17:00 For 12 Weeks(s)

Retention of monthly backup point.

Week Based Day Based

* On First * Day Sunday * At 17:00 For 12 Month(s)

Retention of yearly backup point.

Week Based Day Based

* In January * On First * Day Sunday * At 17:00 For 2 Year(s)

Which of the following is the maximum time data Virtual Machine would be available for recovery based on the policy?

- 30 days
- 12 weeks
- 12 months
- 2 years

Explanation:-Since there is a yearly recovery Point in place. that would be retained for 2 years this would be the maximum time over which the backup of the virtual machine would be available for.

Q46)

A company wants to migrate offset of resources from the on premise data centre onto Azure.

Below are the key requirements for each application.

Name	Requirement
xyzappA	This application is based entirely on docker containers. The underlying service must provide the ability to manage the containers and also provide automatically scaling
xyzappB	This is a web-based application. The application needs to be ported to a service which can scale automatically. Minimum administrative overhead is expected.
XYZ appC	This application needs to run on demand. The solution must focus on minimizing costs.

Which of the following would you consider for hosting the application “XYZappA”?

- Azure virtual machines
- Azure logic apps
- Azure Kubernetes

Explanation:-If you are looking for a fully managed service to host docker based applications Then look towards using the Azure kubernetes service

- Azure function

Q47)

A company wants to migrate offset of resources from the on premise data centre onto Azure. Below are the key requirements for each application.

Name	Requirement
xyzappA	This application is based entirely on docker containers. The underlying service must provide the ability to manage the containers and also provide automatically scaling.
xyzappB	This is a web-based application. The application needs to be ported to a service which can scale automatically. Minimum administrative overhead is expected.
XYZ appC	This application needs to run on demand. The solution must focus on minimizing costs.

Which of the following would you consider for hosting the application “XYZappB”?

- Azure function
- Azure logic apps
- Azure Kubernetes
- Azure web apps

Explanation:-You can use the managed service of Azure app service to deploy your web based application

Q48)

A company wants to migrate offset of resources from the on premise data centre onto Azure. Below are the key requirements for each application.

Name	Requirement
xyzappA	This application is based entirely on docker containers. The underlying service must provide the ability to manage the

	underlying service must provide the ability to manage the containers and also provide automatically scaling
xyzappB	This is a web-based application. The application needs to be ported to a service which can scale automatically. Minimum administrative overhead is expected.
xyz appC	This application needs to run on demand. The solution must focus on minimizing costs.

Which of the following would you consider for hosting the application “XYZappC?

- Azure function

Explanation:- This is the ideal cost-effective solution to run code on demand on Azure

- Azure logic apps
- Azure Kubernetes
- Azure virtual machines

Q49)

A company currently has an on-premise setup that contains and active directory instance. They have recently purchased and Azure subscription and Azure tenant.

They are planning for setting up Azure AD connect to synchronise the users from their on-premise active directory onto Azure AD. they have the following requirements for this setup

- 1) Enforcement of on-premise active directory security policies.
- 2) Provide the ability for single-sign on.

Which of the following would you set up as the authentication mechanism?

- Active directory authentication
- Pass through authentication

Explanation:-If you need to impose your on-premises active directory security policies, then you should choose “ pass through authentication” as the authentication technique

- Password hash synchronization
- Seamless authentication

Q50)

A company currently has an on-premise setup that contains and active directory instance. They have recently purchased and Azure subscription and Azure tenant.

They are planning for setting up Azure AD connect to synchronise the users from their on-premise active directory onto Azure AD. They have the following requirements for this setup

- 1) Enforcement of on-premise active directory security policies.
- 2) Provide the ability for single-sign on.

Where would you configure the” seamless sign-on” setting?

- Active directory
- Azure AD
- Azure AD connect

Explanation:-You would configure this setting in Azure AD Connect.

- Azure AD connect Health

Q51)

A company currently has set of Azure SQL database defined. They want to ensure the following when it comes to the Azure SQL database instance

- 1) Gain insight on to all the database activity.
- 2) Help protect in suspected security violation.

Which of the following feature within Azure SQL database could fulfill these requirement?

- Locks
- Auditing

Explanation:-This could be accomplished with the auditing feature

- dynamic data masking
- transparent data encryption

Q52)

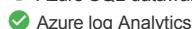
A company currently has set of Azure SQL database defined. They want to ensure the following when it comes to the Azure SQL database instance.

- 1) Gain insight on to all the database activity.
- 2) Help protect in suspected security violation.

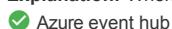
Which of the following could be used to log all the database activity based and the solution chosen? Choose three answers from the options given below



Explanation:-When you look at the options available when enabling auditor you can see the options available



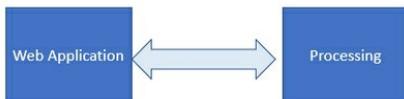
Explanation:-When you look at the options available when enabling auditor you can see the options available



Explanation:-When you look at the options available when enabling auditor you can see the options available

Q53)

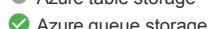
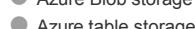
A company is planning on hosting a system inAzure. It would consists of a web application module and a processing module as shown below



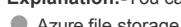
The web application would be hosted using the Azure web service. The processing module would be implemented using Azure function.

The company wants a system to be in place which would be used for exchange of messages between the web application and the processing module.

Which of the following could be used for this purpose?



Explanation:-You can use Azure Queue Storage for managing the messaging between application components



Q54)

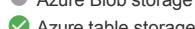
A company is planning on hosting a system inAzure. It would consists of a web application module and a processing module as shown below



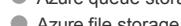
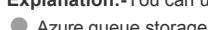
The web application would be hosted using the Azure web service. The processing module would be implemented using Azure function.

The company wants to have a cost-effective storage platform for storing user data .

Which of the following could be used for this purpose?

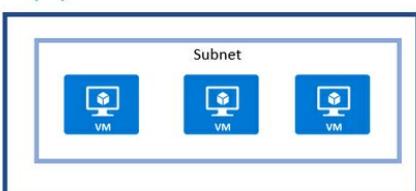
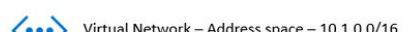


Explanation:-You can use Azure table storage as a cost-effective data store for the user data



Q55)

A company currently has the following deployment for an application in Azure.



Network security group are applied at both a subnet level and at the network interface level.

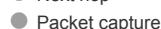
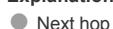
The networking in wants to use the network watcher tool to diagnose various issues when it comes to the networking aspect.

Which of the following would they used for the below requirement?

“ Find out if network security rule is preventing a network packet from reaching a virtual machine hosted in an Azure virtual network? ”

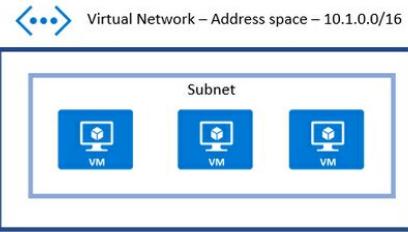


Explanation:-This can be done with the IP flow verify feature.



Q56)

A company currently has the following deployment for an application in Azure.



Network security group are applied at both a subnet level and at the network interface level.

The networking in wants to use the network watcher tool to diagnose various issues when it comes to the networking aspect.

Which of the following would they used for the below requirement?

“ Find out If there is a bone connectivity between Azure virtual machine and an external host? ”

- IP flow verify
- Next hop
- Connection monitor

Explanation:-This can be done with the Connection monitor feature.

- Traffic analysis

Q57)

A team watch deploy a set of Linux based virtual machine onto an Azure subscription.

They want to ensure that a set of packages Get automatically installed when the machines are provision inAzure.

Which of the following could they used for this purpose?

- Cloud-init

Explanation:-The Cloud-init feature can be used to install packages on Linux based virtual machine

- Azure policies
- Scale sets
- function apps

Q58)

A company wants to create a set of virtual machines in Azure.

These would be Windows virtual machines that would be hosting a web based application. the company wants to achieve an availability of 99.99% for the virtual machines.

They decide to implement availability sets for the virtual machines.

Would this satisfy the requirement?

- Correct
- Incorrect

Explanation:-Using availability sets would help achieve an availability of 99.95% and not 99.99%.

Q59)

A company wants to create a set of virtual machines in Azure.

These would be Windows virtual machines that would be hosting a web based application.

The company wants to achieve an availability of 99.99% for the virtual machines. They decide to implement availability zones for the virtual machines.

Would this satisfy the requirement?

- Correct
- Incorrect

Explanation:-Correct by deploying the virtual machines across availability zones, you can achieve availability of 99.9%