1Z0-1115-23 Q&As

Oracle Cloud Infrastructure 2023 Multicloud Architect Associate

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QUESTION 1

Which components are required to establish a cross-cloud connection between Microsoft Azure and Oracle Cloud Infrastructure?

A. Azure Site-to-Site VPN and OCI Site-to-Site VPN

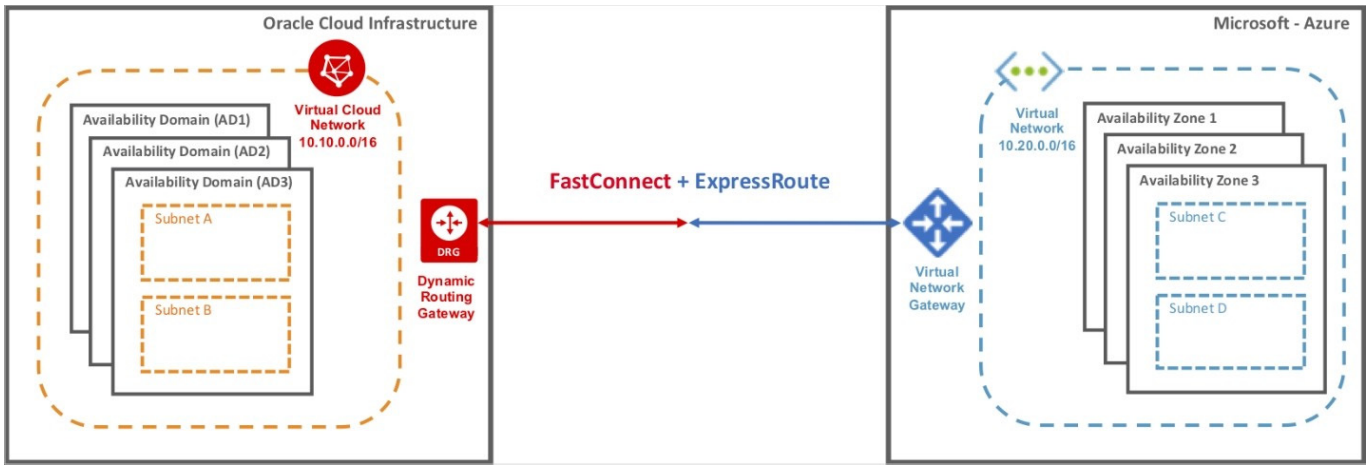
B. Azure Load Balancer and OCI Load Balancer

C. Azure ExpressRoute circuit and Oracle FastConnect virtual circuit

D. Azure Virtual Network and OCI Virtual Cloud Network

Correct Answer: C

For cross-cloud networking between Oracle Cloud and Microsoft Azure, set up a connection be-tween a FastConnect circuit in Oracle Cloud and an ExpressRoute circuit in Microsoft Azure.



QUESTION 2

How does Oracle Database Service for Azure simplify cross-cloud deployments for customers?

A. By allowing customers to manually create cross-cloud deployments using the Intercon- nect

B. By providing more storage and computing resources than any other cloud service pro- vider

C. By offering more database types than any other cloud service provider

D. By using an automated service?ased approach for cross-cloud deployment

Correct Answer: D

Oracle Database Service for Azure (OracleDB for Azure) is an Oracle managed service delivering Oracle Database services in Oracle Cloud Infrastructure (OCI) directly to Microsoft Azure custom-ers through the OCI Azure Interconnect (a capability available between the two cloud environments in regions located around the world). OracleDB for Azure uses a service-based approach, and is an alternative to manually creating complex cross-cloud deployments using the Interconnect.

QUESTION 3

Which feature is supported in all Oracle Database editions in Oracle Cloud Infrastructure?

A. Data Guard

B. Diagnostic Packs

C. Transparent Data Encryption

D. In-Memory Database

Correct Answer: C

All editions include Oracle Database Transparent Data Encryption, Machine Learning, and Spa-tial and Graph.

Standard Edition includes Oracle Database Standard Edition. Enterprise Edition includes Oracle Database Enterprise Edition, Data Masking and Subset- ting Pack, Diagnostics and Tuning Packs, and Real Application Testing. Enterprise

Edition High Performance extends Enterprise Edition with the following options:

Multitenant, Partitioning, Advanced Compression, Advanced Security, Label Security, Da- tabase Vault, OLAP, Database Lifecycle Management Pack and Cloud Management Pack for Oracle Database.

Enterprise Edition Extreme Performance extends High Performance with the following options: In-Memory Database, Active Data Guard, Real Application Clusters. Data Guard is not supported Oracle Database Standard Edition.

QUESTION 4

To achieve high availability in a 2-node RAC DB System in Oracle Cloud Infrastructure, what would you use to distribute your nodes to provide database instance fault isolation?

A. Availability Domains

B. Remote region

C. Fault Domains

D. Local region

Correct Answer: C

A fault domain is a grouping of hardware and infrastructure within an availability domain. Fault domains provide anti-affinity: they let you distribute your instances so that the instances are not on the same physical hardware within a single availability domain. To control the placement of your compute instances, bare metal DB system instances, or virtual machine DB system instances, you can optionally specify the fault domain for a new instance or instance pool at launch time.

QUESTION 5

What is the purpose of using Oracle Cloud Infrastructure (OCI) Identity and Access Management (IAM) policies in a

cross-cloud connection between Microsoft Azure and OCI?

A. To control who can manage OCI route tables, network security groups, and security lists

B. To control the location of the cross-cloud connection

C. To control the type of traffic allowed between the Azure VNet and the OCI VCN

D. To control the bandwidth of the connection between the Azure VNet and the OCI VCN

Correct Answer: A

Controlling the Establishment of a Connection

With Oracle Cloud Infrastructure IAM policies, you can control:

Who in your organization has the authority to create a FastConnect virtual circuit. Who can manage route tables, network security groups, and security lists. Oracle and Microsoft have created a cross-cloud connection between Oracle Cloud

Infrastructure and Microsoft Azure in certain regions. So, the option "To control the location of the cross-cloud connection" has nothing to do with IAM policies and hence is INCORRECT.

The option "To control the type of traffic allowed between the Azure VNet and the OCI VCN" is also INCORRECT as you use Security Lists/Network Security Group to filter traffic and not IAM policies.

IAM policies also have no role to play in determining the bandwidth of the connection.

QUESTION 6

Which type of routing does Oracle FastConnect use to exchange routing information between on-premises networks and Oracle Cloud Infrastructure?

A. RIP

B. Static routing

C. OSPF

D. Dynamic routing with BGP

Correct Answer: D

The exchange of routes is accomplished by industry standard BGP routing protocol.

QUESTION 7

A company has deployed a multi-tier application in Oracle Cloud Infrastructure (OCI), with web servers in a public subnet and database servers in a private subnet. The database servers need to ac-cess data from OCI Object Storage, and the company wants to ensure that this communication is secure and not exposed to the public internet. Which OCI feature should be used to achieve this objective?

A. Use a Local Peering Gateway to peer with the Object Storage subnet.

B. Use a Service Gateway to establish a secure connection to Object Storage.

C. Use a NAT Gateway to enable private access to Object Storage.

D. Use a VPN Gateway to create an encrypted tunnel to Object Storage.

Correct Answer: B

A service gateway lets your virtual cloud network (VCN) privately access specific Oracle services without exposing the data to the public internet. No internet gateway or NAT gateway is required to reach those specific services. The resources in the VCN can be in a private subnet and use only private IP addresses. The traffic from the VCN to the Oracle service travels over the Oracle network fabric and never traverses the internet.

QUESTION 8

You plan to use OracleDB Service for Azure to easily provision, access, and operate enterprise-grade Oracle Database services in Oracle Cloud Infrastructure (OCI) with a familiar Azure-like ex-perience. What should you do to sign up for the OracleDB for Azure service?

A. Visit the sign up website at https://signup.multicloud.oracle.com/azure

B. Visit the sign up website at https://signup.multicloud.azure.com/oracle

C. Visit the Azure portal and navigate to the Oracle Database Service page.

D. Contact Oracle support to request access to the service.

Correct Answer: A

To start OracleDB for Azure onboarding, go to https://signup.multicloud.oracle.com/azure Reference: OracleDB for Azure Onboarding Steps

QUESTION 9

Which step is NOT valid while implementing an OCI-Azure Interconnect?

A. Set up an Oracle FastConnect virtual circuit.

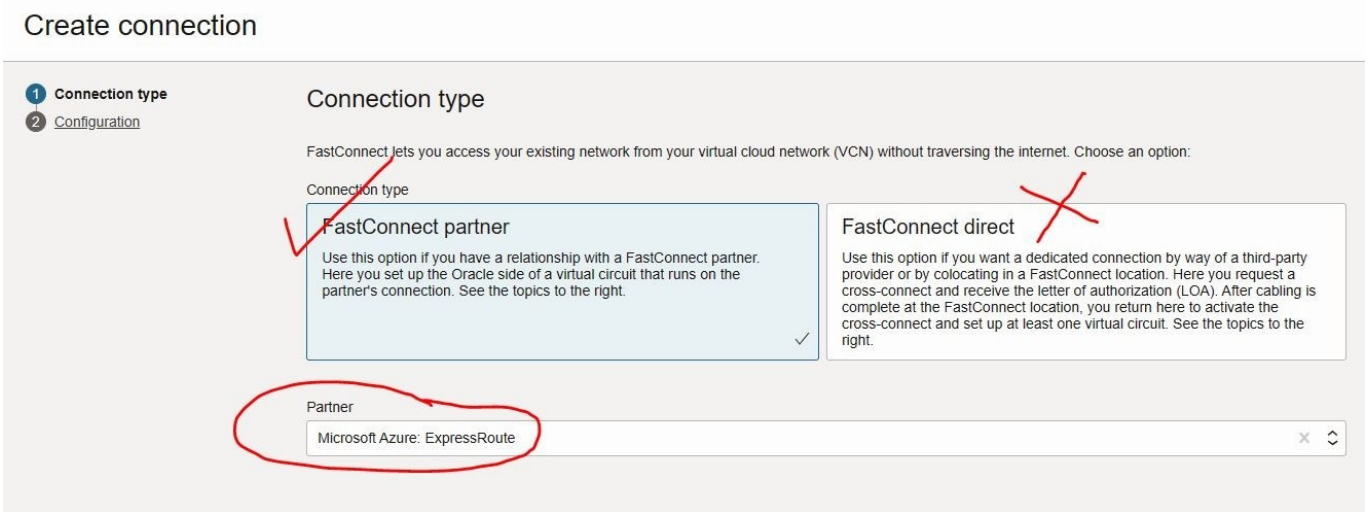
B. Create a Dynamic Routing Gateway and attach it to the OCI VCN.

C. Select FastConnect Direct as the connection type.

D. Set up an Azure ExpressRoute circuit.

Correct Answer: C

As you can see in the below screenshot (from the OCI Console), while implementing OCI- Azure Interconnect you need to select Connection type: FastConnect partner and select Microsoft Azure ExpressRoute as the Partner. Hence, "Select FastConnect Direct as the connection type" is NOT VALID and hence the correct answer.



QUESTION 10

What components are required for setting up an Azure VNet to Oracle Cloud Infrastructure VCN connection as part of the OCI-Azure Interconnect?

A. An Azure VNet with subnets and a virtual network gateway, and an OCI VCN with subnets and an attached internet gateway

B. An Azure VNet with subnets and a virtual network gateway, and an OCI VCN with subnets and an attached NAT gateway

C. An Azure VNet with subnets and a virtual network gateway, and an OCI VCN with subnets and an attached dynamic routing gateway

D. An Azure VNet with subnets and a virtual network gateway, and an OCI VCN with subnets and an attached service gateway

Correct Answer: C

If you closely look at the options, you can start eliminating some of them. We can easily eliminate "An Azure VNet with subnets and a virtual network gateway, and an OCI VCN with subnets and an attached service gateway" as we don\\'t

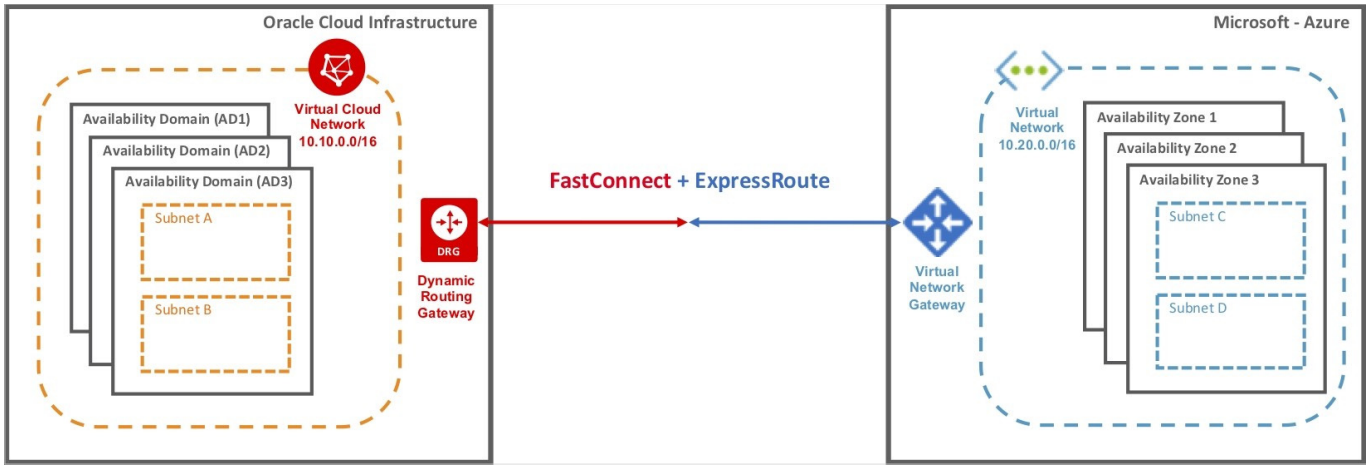
require service gateway to setup OCI-Azure Interconnect.

On similar lines, we can also eliminate the options where internet gateway and NAT gateway is pre-sent.

Hence "An Azure VNet with subnets and a virtual network gateway, and an OCI VCN with sub-nets and an attached internet gateway" and "An Azure VNet with subnets and a virtual network gateway, and an OCI VCN with subnets and an

attached NAT gateway". As you can see in the architecture below, on the OCI side you require a Dynamic Routing Gateway and on the Azure side you need a Virtual Network Gateway. Hence the option "An Azure VNet with subnets and a

virtual network gateway, and an OCI VCN with subnets and an attached dynamic routing gateway" is CORRECT.



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