Oracle

1Z0-1151-25 Exam

Oracle Cloud Infrastructure 2025 Multicloud Architect Professional

Questions & Answers
Demo

Version: 4.1

Question: 1

Which OCI native database service can you provision with Oracle Database@Google Cloud?

A. Base Database Service

B. Autonomous Database on Dedicated Infrastructure

C. HeatWave

D. HeatWave

Answer: B

Explanation:

Oracle Database@Google Cloud is a multicloud service that integrates OCI database offerings into the Google Cloud Platform (GCP). According to official Oracle documentation, the Autonomous Database on Dedicated Infrastructure is a key service available in this offering. This service provides a fully managed database environment running on dedicated Exadata infrastructure, optimized for performance and isolation. The Base Database Service is a more basic offering not specifically highlighted in the Oracle Database@Google Cloud context, while HeatWave (listed twice in the original, corrected here as a single option) is a MySQL-focused analytics engine, not the primary native database service for this integration. The partnership between Oracle and Google Cloud, announced in June 2024, emphasizes Autonomous Database capabilities for enterprise workloads.

Reference: Oracle Database@Google Cloud documentation, Oracle-Google Cloud partnership announcements (June 2024).

Question: 2

A company XYZ has been using Oracle Cloud Infrastructure to host their mission-critical applications, but they have decided to start using Azure for some of their workloads. They want to enable connectivity between their Oracle Cloud Infrastructure and Microsoft Azure to create a multicloud architecture.

A. Use a VPN connection to connect the two clouds.

B. Use public Internet to connect the two clouds.

C. Use OCI-Azure Interconnect to establish a private, high-bandwidth, low-latency connection between the two clouds.

D. None of the above.

Answer: C

Explanation:

The OCI-Azure Interconnect is the official Oracle-Microsoft partnership solution for establishing a private, high-bandwidth, and low-latency connection between OCI and Azure. This interconnect leverages Azure ExpressRoute and Oracle FastConnect to create a dedicated network link, bypassing the public internet for enhanced security and performance. A VPN connection (Option A) is possible but less optimal due to higher latency and lower reliability compared to the interconnect. Using the public internet (Option B) is insecure and unsuitable for mission-critical applications. This solution is detailed in Oracle's multicloud architecture guides and the OCI-Azure partnership documentation, emphasizing its suitability for enterprise multicloud deployments.

Reference: OCI-Azure Interconnect documentation, Oracle-Microsoft partnership details.

Question: 3

Which is not a driver for using multiple clouds?

A. Redundancy/Disaster Recovery

B. Content Delivery Network

C. Best of Breed Cloud Services

D. Cost Optimization

Answer: B

Explanation:

Drivers for adopting multicloud architectures typically include redundancy/disaster recovery (ensuring availability across providers), best-of-breed cloud services (leveraging specialized offerings), and cost optimization (balancing expenses across clouds). A Content Delivery Network (CDN) is a specific service for distributing content globally, often provided by cloud vendors, but it is not a strategic driver for adopting a multicloud approach. CDNs can be used within a single cloud or multicloud setup, but they don't inherently motivate the decision to use multiple clouds. Oracle's multicloud strategy documentation highlights the other three as primary motivations.

Reference: OCI Multicloud Architect course materials, Oracle multicloud strategy overview.

Question: 4

How are resources provisioned in Oracle Database@Azure service?

A. Oracle Exadata Infrastructure and Oracle Exadata VM Cluster are provisioned in the Azure portal.

B. Oracle Exadata VM Cluster and Oracle container databases are provisioned in the OCI console.

C. Oracle Exadata Infrastructure and Oracle Exadata VM Cluster are provisioned in the OCI console and Oracle container and pluggable databases in the Azure portal.

D. Oracle Exadata Infrastructure, Oracle Exadata VM Cluster, Oracle container, and pluggable databases are provisioned in the Azure portal.

Answer: A

Explanation:

Oracle Database@Azure allows customers to provision and manage Oracle database resources directly within the Azure portal, streamlining multicloud operations. Specifically, the Oracle Exadata Infrastructure and Exadata VM Cluster are provisioned through Azure, integrating OCI database capabilities into the Azure ecosystem. Options involving the OCI console (B and C) are incorrect because this service is designed for Azure-native management. Option D overextends by including container and pluggable databases, which are managed post-provisioning, not part of the initial infrastructure setup in Azure. This is detailed in the Oracle Database@Azure service documentation.

Reference: Oracle Database@Azure official documentation, Oracle-Microsoft multicloud service guides.

Question: 5

What is the role of BGP dynamic routing in the connection between an Azure VNet and OCI VCN?

A. It is used to create a static routing configuration for the VNet and VCN.

B. It is used to establish a direct connection between the VNet and VCN without a virtual circuit.

C. It is used to manage the security rules for the VNet and VCN.

D. It is used to automatically select the best route between the VNet and VCN.

Answer: D

Explanation:

Border Gateway Protocol (BGP) is a dynamic routing protocol used in the OCI-Azure Interconnect to

automatically determine the optimal path for data between an Azure Virtual Network (VNet) and an OCI Virtual Cloud Network (VCN). Unlike static routing (Option A), BGP adapts to network changes, ensuring efficient and reliable connectivity. It doesn't establish the connection itself (Option B) or manage security rules (Option C)—those are handled by FastConnect/ExpressRoute and security lists, respectively. Oracle's networking documentation for multicloud interconnects confirms BGP's role in route optimization.

Reference: OCI Networking documentation, OCI-Azure Interconnect technical guide.