

Nokia BL0-220

Nokia Bell Labs Distributed Cloud Networks

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Question: 1

What are the available options to interconnect private Datacenters? (Select 2)

- A. VPN
- B. Backbone
- C. VLAN
- D. VIP

Answer: A, B

Explanation:

The available options to interconnect private Datacenters are VPN and Backbone. VPN stands for Virtual Private Network, which is a secure and encrypted connection between two or more networks over the public internet. Backbone is a high-capacity network that connects different data centers across regions or countries. Both VPN and Backbone provide reliable, scalable, and secure data center interconnect (DCI) solutions for private/hybrid clouds. Reference: Nokia Cloud DCI offers a more scalable, reliable and secure way to connect data centers in private/hybrid clouds, Nokia business-critical cloud DCI solutions support multiple DCI applications, from real-time business continuity and disaster recovery, to synchronous data replication and cloud backup, Nokia partners with IP Telecom to deliver quantum-safe data center connectivity

Question: 2

Which of the following are properties related to a private cloud? (Select 2)

- A. No OPEX
- B. Mixed with Public Cloud
- C. High CAPEX
- D. Software as a Service
- E. Full Control

Answer: C, E

Explanation:

The properties related to a private cloud are high CAPEX and full control. CAPEX stands for capital expenditure, which is the money spent on acquiring or upgrading physical assets such as servers, storage, and network equipment. A private cloud requires high CAPEX because the cloud owner has to invest in building and maintaining the cloud infrastructure. Full control means that the cloud owner has the exclusive authority and responsibility over the cloud resources, security, and operations. A private cloud offers full control because the cloud owner can customize the cloud according to their specific

needs and preferences, and can ensure the privacy and compliance of their data and applications. Reference: Nokia Cloud Platform, Module by Module - Self Study Note Guide

Question: 3

A group of small services combine to deliver user specific service.

- A. True
- B. False

Answer: A

Explanation:

A group of small services combine to deliver user specific service is a true statement. This is the definition of microservices, which are a key component of cloud technologies and features.

Microservices are independent, modular, and scalable services that communicate with each other through APIs. They enable faster and easier development, deployment, and maintenance of cloud applications.

Reference:

Nokia Bell Labs 5G Professional Certification - Distributed Cloud Networks | Nokia Distributed Cloud Networks, Unit 2: Cloud Technologies and Features, slide 6

Nokia Bell Labs 5G Certification Program - Courses | Nokia, Distributed Cloud Networks, Unit 2: Cloud Technologies and Features

Question: 4

Which of the following are Software as a Service? (Select 2)

- A. Database-as-a-Service
- B. Infrastructure-as-a-Service
- C. Artificial Intelligence-as-a-Service
- D. Platform -as-a-Service

Answer: A, D

Explanation:

Software as a Service (SaaS) is a cloud computing offering that provides users with access to a vendor's cloud-based software. Users do not install applications on their local devices. Instead, the applications reside on a remote cloud network accessed through the web or an API. Within this context, Database-as-a-Service (DBaaS) is considered a form of SaaS, where the service provider manages the database's installation, maintenance, backup, and scaling needs on behalf of the customer. Platform-as-a-Service (PaaS) provides a platform allowing customers to develop, run, and manage applications without dealing with the complexity of building and maintaining the infrastructure typically associated with developing and launching an app. PaaS can include various software components, including database management

systems, and thus can be considered a subset of SaaS.

Question: 5

What does OCP stands for?

- A. Open Data Center Platform
- B. Open Compute Project
- C. Operations and Control
- D. Open Circuit Platform

Answer: B

Explanation:

OCP stands for Open Compute Project, which is an initiative to design and enable the delivery of the most efficient server, storage and data center hardware designs for scalable computing¹. OCP is the primary cloud infrastructure platform to develop, test and deliver Nokia's core network applications and business applications, benefiting from its scalability, flexibility, and advanced orchestration capabilities². OCP is also part of the Nokia Cloud Platform, which is a TCO optimized solution that combines OCP with Nokia's reference hardware and blueprint architecture². Reference: 1: Open Compute Project, Home Page 2: Nokia Cloud Platform,

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