DUMPSARENA

Nokia Bell Labs 5G Foundation

Nokia BL0-100

Version Demo

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QUESTION NO: 1

You have a trainee at your company and you are mentoring him. The trainee came across the term "Network Slicing". He asks you what is "Network Slicing" and why do we need it?

A. Network Slicing is just like the OSI model. It is the division of the network into layers horizontally from the physical to the application. It is needed to specify which layer a service resides.

B. Network Slicing is a technology that allows the network to serve applications with different sets of requirements in terms of latency, reliability, capacity, density, and such. Every application has a set of requirements different from others. With network slicing, we give every application what it needs from the network.

C. Network Slicing is an end-to-end "virtual private service", extending across access, transport, core, and cloud. It is a general term used to define in which piece of the network we are.

D. Network slicing is a new technology to divide the network among users. It is needed for confidentiality purposes.

ANSWER: B

QUESTION NO: 2

What is the main benefit of Cloud RAN?

A. Increased cell coverage

B. Better latency

C. Reduced cost by centralizing some radio functionalities

D. Increase radio throughput

ANSWER: D

Explanation:

Reference: https://www.fujitsu.com/us/Images/CloudRANwp.pdf (4)

QUESTION NO: 3

What are the five key features of 5G Core?

A. Dynamic Control plane, Adaptive Architecture, Converged-Access-Network, Stateless and Network Self-healing

B. Dynamic Control plane, Service Based Architecture, Multi-Access-Network, State-efficiency and Network Slicing

C. Dynamic Control plane, Adaptive Architecture, Multi-Access-Network, Stateless and Network Slicing

D. Control and User Planes Separation, Service Based Architecture, Multi-Access-Network, State-efficiency and Network Slicing

ANSWER: A

QUESTION NO: 4

Which of the following industries are the most digitized today?

A. Transport and Health

B. Robotics and Media

C. Factories and Transport

D. Media and Commerce

ANSWER: D

QUESTION NO: 5

Resource elasticity in Cloud enables which of the following actions? (Choose two.)

A. Relocate VMs between data centers when a fault is detected.

B. Deploy VMs across data centers when a new slice is needed.

C. Add resources to existing VMs when traffic is high.

D. Add VMs when traffic is high.

ANSWER: A D

QUESTION NO: 6

Which deployment option is used by initially deployed 5G non-standalone networks?

A. Option 4

B. Option 2

C. Option 3x

D. Option 7

ANSWER: B

QUESTION NO: 7

What are the benefits of traffic engineering in Transport networks? (Choose three.)

A. Scaling access points

B. Better utilization of network capacity

C. Traffic steering

D. Resiliency

ANSWER: B C D

QUESTION NO: 8

Which of the following statements are applicable to the technology of massive MIMO?

(Select 3)

A. Several data flows are sent at the same time on the same frequency.

B. The signals on each antenna are made orthogonal.

C. The data flows are sent at the same time on different frequencies.

D. Transmit diversity is used in case of poor radio conditions.

ANSWER: A B D

QUESTION NO: 9

Which of the following technologies drive 5G increased throughput capacity? (Choose three.)

A. MU-MIMO and beamforming

B. Higher spectral efficiency

C. Network Slicing

D. Multi-connectivity per User Equipment

ANSWER: A B C

QUESTION NO: 10

Which of the following are 4G limitations that justify a roll-out to 5G? (Choose three.)

A. Low peak and end-user-experience throughput

B. Low reliability

C. High latency

D. Beamforming is not supported

ANSWER: A B C

Explanation:

Reference: https://www.raconteur.net/technology/5g/4g-vs-5g-mobile-technology/