BL00100-101-E Q&As

Nokia Bell Labs End-to-End 5G Foundation Certification Exam

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QUESTION 1

What is the purpose of the secondary authentication feature?

A. To improve authentication between the User Equipment and the 5G Core.

B. To improve authentication when connecting to different network slices.

C. To authenticate the User Equipment comingfrom an untrusted non-3GPP access (N3IWF).

D. To authenticate the User Equipment with an external data network.

Correct Answer: A

QUESTION 2

Which of the following is not a benefit of Network Slicing?

A. Priority between different flows

B. Privacy and segmentation between flows

C. Recovery of network flows when they fail

D. Differentiated QoS flows, for different services

Correct Answer: C

QUESTION 3

A. Service based architecture, stateless networkfunctions, Cloud-ready network functions and modular network functions.

B. Client/Server architecture, stateless network functions, Cloud-ready network functions and modular network functions.

C. Client/Server architecture, Cloud-ready network functions,and modular network functions.

Correct Answer: B

QUESTION 4

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

Correct Answer: D

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

QUESTION 5

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

Correct Answer: A

QUESTION 6

Which one of the following requires a network service package defined in a catalog?

A. Cloud software platform

B. Cloud infrastructure software

C. Cloud orchestration

D. Software defined network

Correct Answer: C

QUESTION 7

What does the acronym SOAR stand for?

A. Security Orchestration Automation and Recovery

B. Security Optimization Accountability Recovery

C. Security Orchestration Automation and Response

D. Securitization, Optimization, Access Control, and Resiliency

Correct Answer: C

Reference: https://www.fireeye.com/products/helix/what-is-soar.html

QUESTION 8

A company is planning to offer services to different cities worldwide so drones can be used to scan disaster areas to help identify victims\\' locations quickly, organize evacuations efficiently, and save lives. Drones will be connected to a 5G network. The company is planning to offer two applications running in the cloud ?one to manage drones through remote control while the otheroffers live video streaming to drone operators. As a 5G professional, you are asked what are the network requirements for those two applications?

A. The drone control application needs very low latency to maneuver around obstacles, while the video application would need less latency. Both applications would be running in the central cloud.

B. The drone control application needs low latency and high reliability from the network and should run in the edge cloud. The video application needs higher throughputbut it is not sensitive from the latency and reliability point of view. It can run in a central cloud.

C. Both applications should run in the edge cloud because the drone control and video applications both require low latency and high reliability from the network.

D. The drone control application should run through a central cloud. The video streaming application should run in the edge cloud because it carries much data, and that is expensive to run through the central cloud.

Correct Answer: B

QUESTION 9

Which of the following drive 5G higher reliability?

A. Higher spectral efficiency

B. Multi-connectivity per User Equipment

C. Connectionless radio access

D. Lower Time Transmission Interval (TTI)

Correct Answer: A

Reference: https://learningstore.nokia.com/doc/5g/5G_Foundation_Study_Guide_BL00125_M_%2020 02.pdf (9)

QUESTION 10

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.

Correct Answer: ABD