Vendor: Nokia

Exam Code:BL0-100

Exam Name: Nokia Bell Labs End-to-End 5G
Foundation

Version: Demo

QUESTION 1

What does 5G bring to Industry 4.0? (Choose two.)

A. 5G will generate a huge amount of data and Information Technology will provide the computing platform with analytics and AI.

B. 5G provides the connectivity (bandwidth, latency and reliability) needed to exchange data for OT and IT functionality.

C. 5G brings nothing to Industry 4.0.

D. 5G will generate a huge amount of data with mMTC and IT platforms are expected to suffer from this.

Correct Answer: AB

Reference: https://www.google.com/url?
sa=tandrct=jandq=andesrc=sandsource=webandcd=andved=2ahUKEwij3MSz5eTvAhUUQEEAHVYtAJkQFjAAegQIAx
ADandurl=https%3A%2F%2Fwww.mdpi.com%2F2673-4001%2F1%2F1%2F5%
2Fpdfandusg=AOvVaw2pcAzrM3BgCPfsBYztcsA

QUESTION 2

What is the Unstructured Data Storage Function (UDSF)?

A. This network function exposes 5G Core Network functionalities available to 3rd parties, so that 3rd party capabilities and events may be securely exposed by the Network Exposure Function (NEF).

B. This network function is part of data repositories in the Common Data Layer. It stores 3GPP standardized data.

C. This network function is part of data repositories in the Common Data Layer and in opposition to the UDR, it stores non-standardized ?Unstructured ?data.

D. This network function stores or retrieves subscriptions, profiles, and authentication data to or from the data repositories. It offers services to the AMF, SMF, NEF and AUSF using the Service Based Interface.

Correct Answer: A

Reference: https://webthesis.biblio.polito.it/12557/1/tesi.pdf

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QUESTION 3

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 4

Which of the following statements about Network Slicing are correct? (Choose three.)

A. Multiple slices create multiple virtual network instances.

B. Unique Quality of Service can be allocated to a given slice.

C. Specific resources can be allocated to a given slice.

D. Network Slicing is a way to physically partition the common network infrastructure.

Correct Answer: ABC

QUESTION 5

What functionality is applied by SDN to find an alternative path in case of failure in the Transport Network?

A. Path Correlation Engine

B. Alternative Route Finding

C. Alternative Path Computing

D. Path Computation Engine

Correct Answer: C

Reference: https://www.google.com/url? sa=tandrct=jandq=andesrc=sandsource=webandcd=andcad=rjaanduact=8and
ved=2ahUKEwj01tmp5uTvAhUQO8AKHbvUB
5cQFjAAegQIBxADandurl=https%3A%2F%2Fwww.mdpi.com%2F2071-1050%2F12%2F10% 2F4255%
2Fpdfandusg=AOvVaw2Jd6iravRnpP8tfxjIdKWK

QUESTION 6

Your manager started a brainstorming session during a meeting on how automation can be driven in the network. He asks what tools can be used to increase automated services in the network. What would you answer be?

A. We need to find a software company that will write software to automate the network services.

B. We can create rule-based automation. We can also use Artificial Intelligence and Machine Learning to automate all network services.

C. We can write scripts that will be executed at certain times when a specific event happens and the service will be automated in this way.

D. We can use big data. It is the main tool that should be used for network automation.

Correct Answer: B

QUESTION 7

What is the best solution for deploying an optimal network function distribution?

A. Using duplicated Virtual Network Functions

B. Using Virtual Network Functions to control the routing

C. Using Virtual Network Functions orchestrated across various Cloud Data Centers

D. Using Virtual Network Functions in Access

Correct Answer: C

QUESTION 8

What is the maximum distance of an Edge Cloud from end-user?

A. 1,000 KM

B. 5,000 KM

C. 10,000 KM

D. 300 KM

Correct Answer: A

QUESTION 9

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

Correct Answer: BCD

QUESTION 10

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

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QUESTION 11

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 other offers 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 throughput but 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 12

Which of the following defines a vertical Network Slice?

A. When it serves a given customer for a specific purpose, such as a national energy network.

B. When it cross all the network layers from the radio up to the core.

C. When it serves a given common purpose, for a use case with a defined QoS (eg a use case in transportation, in energy).

D. When it operates on the same layer of the ISO/OSI model.

Correct Answer: A

Reference: https://www.gsma.com/futurenetworks/wp-content/uploads/2018/06/Network-Slicing-UseCase-Requirements-_-FInal-.pdf