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1 / 3

Exam : **BL0-100**

Title : Nokia Bell Labs 5G
Foundation

Version : DEMO

1.In terms of scalability, flexibility, and capacity, which of the following would overcome 4G limitations?

A. Service based architecture, stateless network functions, 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.

Answer: B

2.Which of the following are the elements that drive Access capacity growth? (Choose three.)

A. Support of wireless backhauling

B. Integration of 4G and Wi-Fi radio in 5G access

C. More micro, small and ultra-small cells

D. 5G Home box can provide 5G wireless access

Answer: A,C,D

3.What will 5G bring in terms of supporting requirements of industry automation? (Choose three.)

A. Low latency characteristics in the range of 5 to 10 ms for High Speed Discrete Automation Applications.

B. Low latency characteristics in the range of 0.1 to 1 ms for Video Monitoring and AR.

C. Low latency characteristics in the range of 100 to 200 ms for Remote Control Tele-operation Applications.

D. Low latency characteristics in the range of 50 to 100 ms for Discrete and Process Automation Applications.

Answer: A,C,D

Explanation:

Reference: https://www.symmetryelectronics.com/blog/how-will-5g-transform-industrial-iot/#:~:text=5G%20Technology%20Enables%20Industry%204.0%20Integration&text=For%20application s%20in%20industrial%20automation,power%20necessary%20for%20industri al%20control

4.What is Unified Data Management (UDM)?

A. 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.

B. This network function supports authentication for 3GPP and non-3GPP accesses.

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 provides registration and discovery functionality to enable other network functions/ services to discover and communicate with each other.

Answer: B

Explanation:

Reference: https://docs.oracle.com/communications/F25434_01/docs.10/UDM%20User%27s%20Guid e/ GUID-F0678B8F-501C-4BE5-A0D7-141CED2DFE70.htm

5.Which of the following are characteristics of a Slice Service Request? (Choose three.)

A. Mobility

B. Latency

C. Uplink and downlink throughput per User Equipment

D. Cost of the User Equipment

Answer: A,B,C