

# DUMPSQUEEN

## Nokia Bell Labs 5G Foundation

Nokia BL0-100

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## QUESTION NO: 1

In a 5G Transport network, the encryption protection of the user and control plane are provided by which of the following?

- A. IPSec
- B. Access Control List
- C. SSH
- D. X25

**ANSWER: A**

**Explanation:**

Reference: <https://www.ericsson.com/en/security/a-guide-to-5g-network-security>

## QUESTION NO: 2

What is the role of 5G in meeting the automation needs of Industry 4.0?

- A. 5G plays a minor role on Industry 4.0 because the requirements are mainly focused on mMTC and IoT.
- B. 5G requirements for Industry 4.0 are mainly focused on Ultra high bandwidth needs.
- C. 5G plays an important role on Industry 4.0 because it enables the cloud automation with baremetal platforms.
- D. 5G requirements for Industry 4.0 are mainly focused on ultra low latency characteristics but also from high throughput and massive connectivity.

**ANSWER: D**

## QUESTION NO: 3

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

**ANSWER: C**

## QUESTION NO: 4

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: 5

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.

**ANSWER: B**

## QUESTION NO: 6

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**

## QUESTION NO: 7

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**

## 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 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.

**ANSWER: A B C**

## QUESTION NO: 10

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**