

# Practice Exam Questions for: Nokia Bell Labs 5G Secured Networks Exam (exam number: BL0-280)

The following questions will test your knowledge and prepare you for the Nokia Bell Labs Distributed 5G Secured Networks Exam. Compare your responses with the Answer Key at the end of the document.

1. Which of the following is **NOT** one of the 3 basic goals for IT Security?
  - A. Integrity
  - B. Confidentiality
  - C. Repudiation
  - D. Availability
  
2. Which of the following are the three pillars that effective security is built on?
  - A. Practices, People and Technology.
  - B. People, Technology and Security Assurances.
  - C. Practices, Technology and Security Assurances.
  - D. People, Technology and Processes.
  
3. As per the 3GPP Technical Specification 33.501, Radio Interface Security belongs to...
  - A. User domain security
  - B. Network domain security
  - C. Network access security
  - D. Application domain security
  
4. Access Stratum security protects the connection between which two network elements?

- A. The User Equipment and the gNodeB.
  - B. The User Equipment and the Access and Mobility Management Function.
  - C. The gNodeB and the Access and the Mobility Management Function.
  - D. The gNodeB and the Access and the Security Anchor Function.
5. Which network entity serves as the termination point for Non-Access Stratum security?
- A. Access and Mobility Management Function
  - B. Security Anchor Function
  - C. Unified Data Management
  - D. Authentication Server Function
6. Which security mechanism was introduced in 5G release 16 to secure the N9 interface in the User plane?
- A. Protocol for N32 Interconnect Security
  - B. Real-Time Protocol
  - C. Inter PLMN User Plane Security
  - D. Transport Layer Security
7. Which specific authorization concept is used for service requests between the network functions where an authorization may be required?
- A. Open Authorization Framework (OAuth 2.0)
  - B. Remote Authentication Dial-In User Service (RADIUS)
  - C. Terminal Access Controller Access-Control System Plus (TACACS+)
  - D. eXtensible Access Control Markup Language (XACML)
8. Which of the following best describes the meaning of "Security by Design"?
- A. Design the security elements of a software or system first, before writing the functional requirements.

- B. Design the security elements last, after the functional requirements, but tied closely to the functional requirements as the security requirements depends on them.
  - C. Uses well known footprint designs for security requirements, described in the ISO 27 series for Risk Management, and NESAS for Security Assurance.
  - D. Consider security as an important requirement, part of the overall purpose of the software and system, taken into account from the start of the project and during its lifecycle.
9. SDLC stands for which of the following?
- A. Synchronous Data Link Control
  - B. Software Development Life Cycle
  - C. Secure Development Life Cycle
  - D. Software and Data Link Control
10. The time duration in which an APT goes undetected is called??
- A. APT Persistence Time
  - B. Dwell Time
  - C. Mean Time To Detect
  - D. Mean Time To Respond

#### Answer Key

- 1. C
- 2. D
- 3. C
- 4. A
- 5. A
- 6. C
- 7. A

8. D

9. B

10. B