Congratulations! You passed!

Grade received 100% To pass 80% or higher

Go to next item

Quiz: Module 8

Latest Submission Grade 100%

1. 4 / 4 points

Select some of the security mechanisms used by 5G networks: (select all that apply)

- [x] A: Authentication

  Correct
  Congratulations! Choices (A,B, C, and D) are the correct responses. Authentication, encryption, integrity protection and enhanced protection of permanent IDs are all security mechanisms used by 5G networks.

- [x] B: Encryption

  Correct
  Congratulations! Choices (A,B, C, and D) are the correct responses. Authentication, encryption, integrity protection and enhanced protection of permanent IDs are all security mechanisms used by 5G networks.

- [x] C: Integrity protection

  Correct
  Congratulations! Choices (A,B, C, and D) are the correct responses. Authentication, encryption, integrity protection and enhanced protection of permanent IDs are all security mechanisms used by 5G networks.

- [x] D: Enhanced protection of permanent IDs

  Correct
  Congratulations! Choices (A,B, C, and D) are the correct responses. Authentication, encryption, integrity protection and enhanced protection of permanent IDs are all security mechanisms used by 5G networks.

2. True or False: 5G allows transmission of sensitive information without encryption. 1 / 1 point

- ( ) A: True
- (•) B: False:

  Correct
  Feedback: 5G requires encryption for transmission of sensitive information.

3. True or False: Temporary IDs used by a 5G network to identify a UE are related to its permanent ID. 1 / 1 point

- ( ) A: True
- (•) B: False:

  Correct
  Feedback: Temporary IDs used by a 5G network to identify a UE are independent of its permanent ID

4. Which of the statements describe integrated security credentials**?** 2 / 2 points

- ( ) A: It can bypass 5G security mechanisms
- ( ) B: Is only relevant for network slicing
- ( ) C Developed for international roaming scenarios

- (●) D: Subscription credentials stored in a secure element on the device

Correct
Feedback: Congratulations! Choice (D) is the correct response. Integrated security credentials can be stored on a secure element on the device

5. Which function allows mobility and session management to move to the edge without compromising security? **2 / 2 points**

- ( ) A: NSSF (network slice selection function)
- ( ) B: AUSF (authentication server function)
- (●) C SEAF (security anchor function)
- ( ) D: MEF (mobility edge function)

Correct
Feedback: Congratulations! Choice (C) is the correct response. The Security Anchor Function (SEAF) allows mobility and session management to move to the network's edge without compromising security.