

Quiz - Cryptography Basics

1. Which of the cryptography basics ensures authentication, non-repudiation and integrity?

1 / 1 point

- ☒ Digital Signatures
- ☐ Public key encryption
- ☐ Hashing
- ☐ Symmetric key encryption

✓ Correct

Correct, digital signatures ensure authentication, non-repudiation and integrity.

2. Complete the following statement.

1 / 1 point

Data can be encrypted_____

- ☐ in transit only.
- ☐ at rest only.
- ☒ at rest, in use, and in transit.
- ☐ in use only.

✓ Correct

Correct, Data can be encrypted at rest, in use and in transit.

3. Which is NOT a pitfall of encryption?

- ☐ Using hardcoded/predictable weak keys
- ☐ Relying on algorithms being secret
- ☒ Implementing a reliable and proven cryptography
- ☐ Missing encryption of data and communications

✓ Correct

Correct