

ACTIVITY 3

Reading comprehension activity “Digital Signatures”

Read the passage carefully and answer the questions below. Some questions are multiple-choice, while others require short answers.

1. Multiple Choice questions

- What is a digital signature?
 - a) A handwritten signature scanned into a computer
 - b) A cryptographic method that binds a signer’s identity and intent to a document
 - c) A type of password used for secure login
 - d) A signature created using a stylus on a touchscreen
- Which of the following types of certificates requires the highest level of identity verification?
 - a) Self-signed certificates
 - b) Certificates issued by an enterprise certificate authority
 - c) Adobe Approved Trust List (AATL) certificates
 - d) Qualified Trust Service Providers (QTSPs)
- What does PAdES-B-LT provide that PAdES-B-T does not?
 - a) A timestamp proving document existence
 - b) Cryptographic elements for offline signature validation
 - c) Validation elements for future proofing
 - d) Signature algorithms
- What is the purpose of a qualified signature creation device (QSCD)?
 - a) To generate certificates for public use
 - b) To ensure the signer’s private key is protected and securely used
 - c) To revoke expired certificates automatically
 - d) To issue self-signed certificates

2. Short Answer

- Explain the difference between a self-signed certificate and a certificate issued by a QTSP.
- Why is the integration of cryptographic elements in PAdES-B-LT important for offline validation?

3. True or False

Develop this activity on kahoot. <https://create.kahoot.it/details/2bc1ad33-23cb-43f0-97e2-8837d0bda21d>

