X-509 CERTIFICATE PUBLIC KEY INFRASTRUCTURE



X-509 certificate





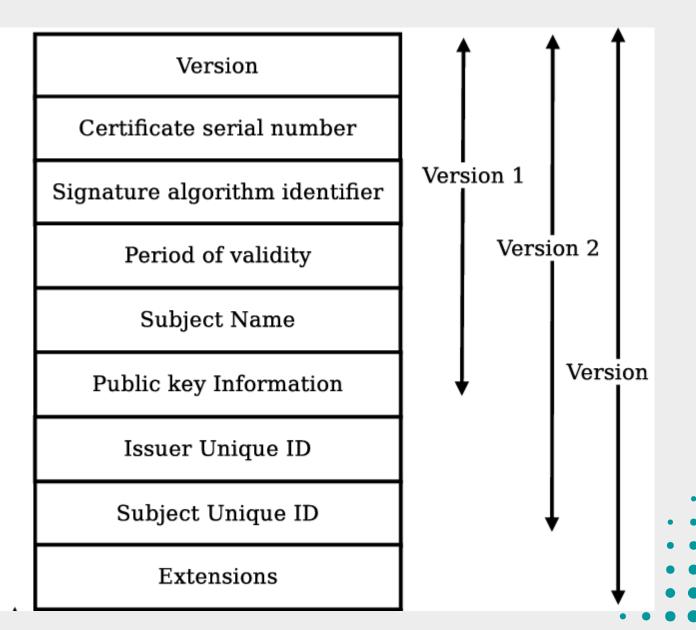
- * X-509 AUTHENTICATION SERVICE:
- -digital certificate accepted internationally
- -does not generate any keys.
- -but provides a way to access public keys.

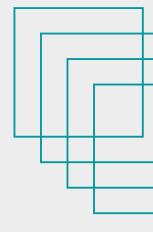
There are Several elements in X509

certificate

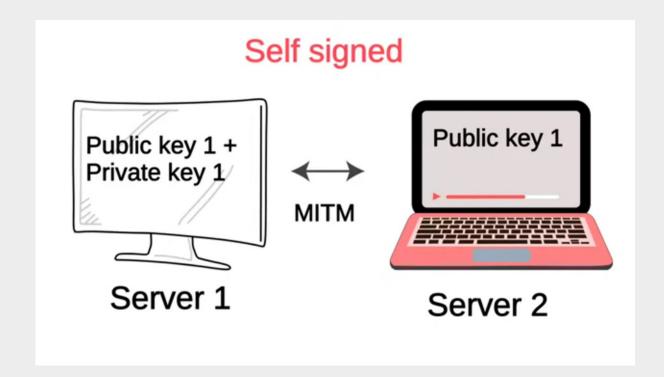
it has (3) Versions

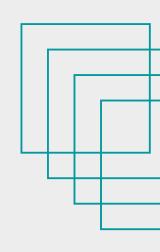




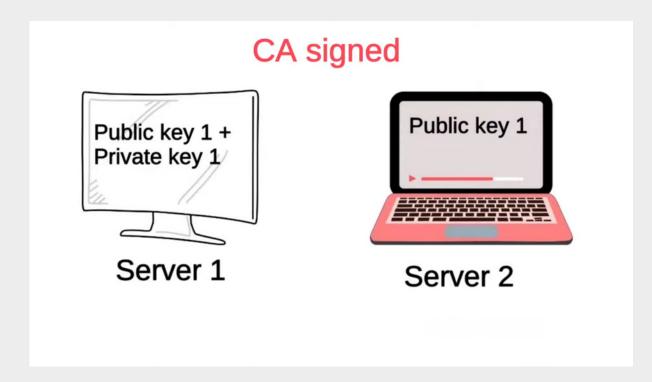














Public key infrastructure



Components of PKI

PUBLIC KEY INFRASTRUCTURE

- 1. CERTIFICATE MANAGEMENT SYSTEM
- 2. DIGITAL CERTIFICATES
- 3. VALIDATION AUTHORITY
- 4. CERTIFICATION AUTHORITY
- 5. REGISTRATION AUTHORITY
- 6. END USER

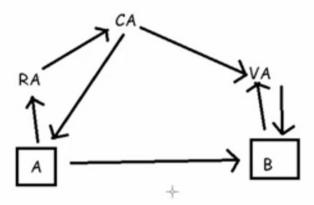


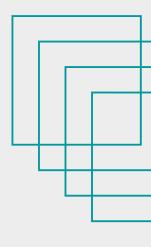


PUBLIC KEY INFRASTRUCTURE

Components of PKI:

- 1. Certificate Management System
- 2. Digital Certificates
- 3. Validation Authority
- 4. Certification Authority
- 5. Registration Authority
- 6. End User







Thank You