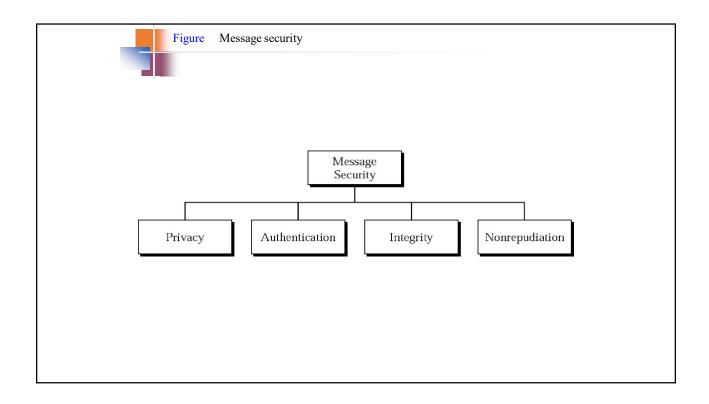
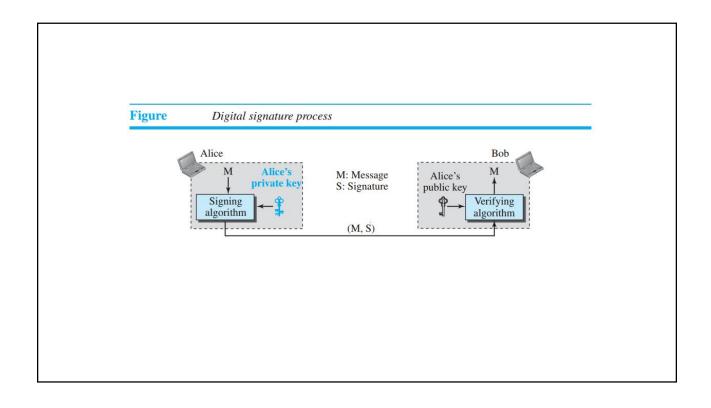
Digital Signature

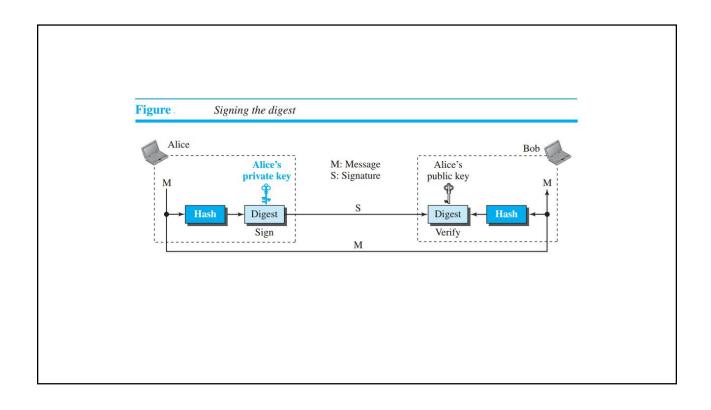
- Electronic Transaction Act, 2063
 - Definition
 - Provision on Digital Signature
- Electronic Transaction Rules,2064

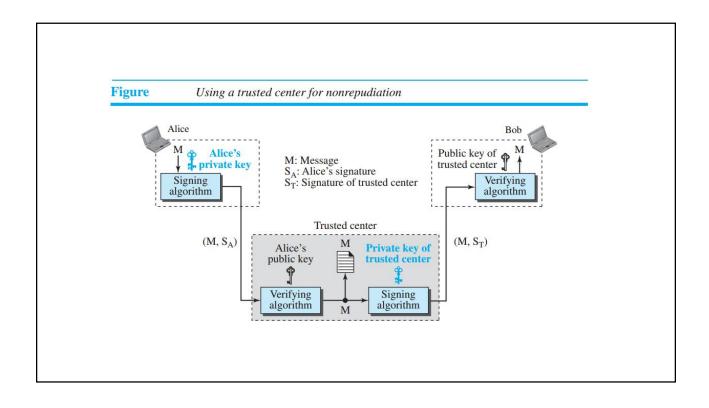
Digital Signature

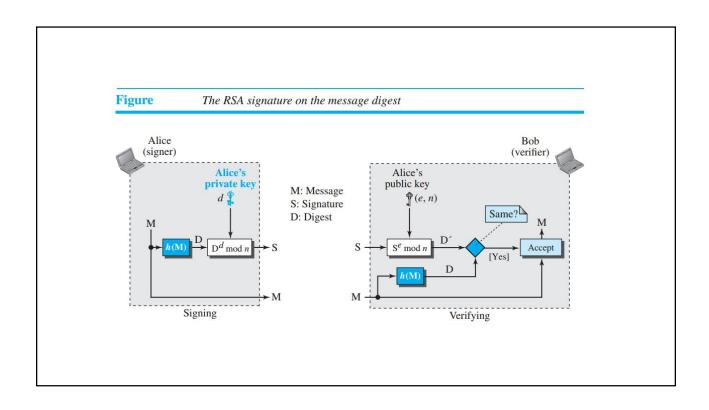
- A digital signature uses a pair of private-public keys.
- Process
 - A digital signature needs a public-key system. The signer signs with her private key; the verifier verifies with the signer's public key.
 - A cryptosystem uses the public and private keys of the receiver;
 - a digital signature uses the private and public keys of the sender.
- Signing the whole document
- Signing the digest
- Services Integrity, Authentication, Nonrepudiation

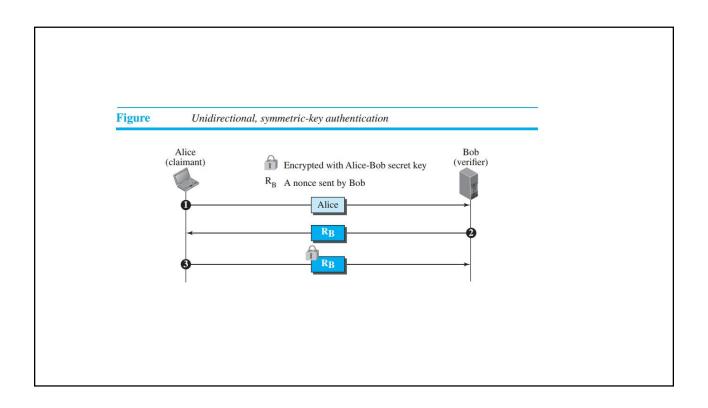


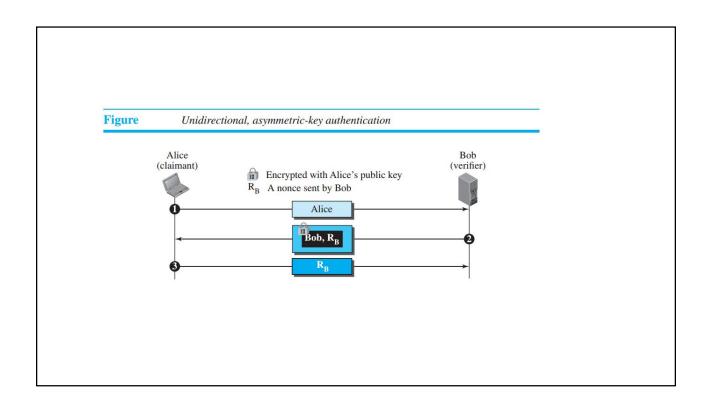


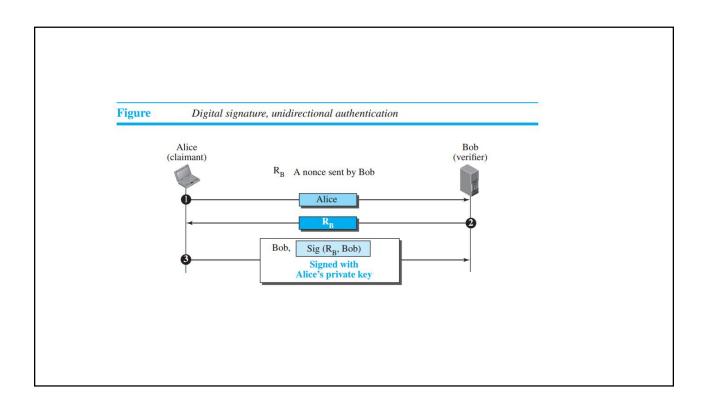












Key Management

- Symmetric Key Distribution
- Public Key Distribution
- •X.509

