Topic 6: Secret Key Management

Understand crypto secret key management issues and their distribution methods

Source: Main textbook: 20.6, 21.5

Some slides are based on the slides by Lawrie Brown prepared for the text book

Overview

❑ Key Management Issues

❑ Symmetric Key Establishment

➢ Symmetric Key Agreement: Diffie-Hellman (DH) algorithm/protocol

➢ Symmetric Key Distribution

o using symmetric key encryption

o using public-key encryption

❑ Conclusion