TK025: Preparation for LPIC303

Security

Duration

3.0 Days

Course Content

1. Cryptography

- 1.1. X.509 Certificates and Public Key Infrastructures
- 1.2. X.509 Certificates for Encryption, Signing and Authentication
- 1.3. Encrypted File Systems
- 1.4. DNS and Cryptography

2. Host Security

- 2.1. Host Hardening
- 2.2. Host Intrusion Detection
- 2.3. User Management and Authentication
- 2.4. FreeIPA Installation and Samba Integration

3. Access Control

- 3.1. Discretionary Access Control
- 3.2. Mandatory Access Control
- 3.3. Network File Systems

4. Network Security

- 4.1. Network Hardening
- 4.2. Network Intrusion Detection

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4.3. Packet Filtering

4.4. Virtual Private Networks

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