

LPIC-303: Security Training

Course Outline

- **Cryptography**
 - X.509 Certificates and Public Key Infrastructures
 - X.509 Certificates for Encryption, Signing and Authentication
 - Encrypted File Systems
 - DNS and Cryptography
- **Host Security**
 - Host Hardening
 - Host Intrusion Detection
 - User Management and Authentication
 - FreeIPA Installation and Samba Integration
- **Access Control**
 - Discretionary Access Control
 - Mandatory Access Control
 - Network File Systems
- **Network Security**
 - Network Hardening
 - Network Intrusion Detection
 - Packet Filtering
 - Virtual Private Networks
- **Threats and Vulnerability Assessment**
 - Common Security Vulnerabilities and Threats
 - Penetration Testing