

Network Security and Firewalls

Learn about network security and firewall techniques.

Category: Cyber Security · Duration: 3 days

WHO IT IS FOR

- Security engineers and system administrators
- Teams that want hands-on practice on real scenarios

This comprehensive training program covers the fundamental concepts of network security and firewall deployment. Participants will gain hands-on experience in designing and implementing secure networks and configuring firewalls to protect against cyber threats.

Prerequisites

Basic understanding of networking concepts.

Syllabus

- Introduction to Network Security
- Types of Cyber Threats
- Principles of Firewall Technology
- Designing Secure Networks
- Firewall Configuration and Management
- Intrusion Detection and Prevention Systems
- Virtual Private Networks (VPNs)
- Wireless Network Security
- Web Application Security
- Database Security
- Network Monitoring and Incident Response
- Security Policies and Procedures
- Security Audits and Risk Assessment
- Legal and Ethical Considerations in Network Security
- Best Practices for Network Security
- Case Studies and Hands-on Exercises