

# Network and System Security

**Duration:** 2 Days

## Description

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In order to ensure the security of local network and Internet connections and the systems connected to them, it is ensured that the measures to be taken in order to increase the aggressive point of view and security level to be learned are transferred to the organization personnel.

### Delegates will learn

- Basic Network Security Information
- Basic System Security Information
- Common Cyber Attacks
- Vulnerability and Attack Cycles

## Outline

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### Basic Network Security Information

- Reminders about networks and protocols
- Protocols used in the enterprise network
- Protocol based security vulnerabilities
- Recommendations to ensure network security

### Basic System Security Information

- Windows system structure
- Hardening methods for the Windows operating system
- Linux system structure
- Hardening methods for the Linux operating system
- Security recommendations for operating systems

### Common Cyber Attacks

- Attacks over the Internet and the local network
- Attacks on the operating system
- Attacks on web applications
- Attacks on mobile apps

## **Vulnerability and Attack Cycles**

- Concept of security vulnerability
- Hacking cycle
- Malware life cycle
- Determination of vulnerability management processes for security
- Implementation of vulnerability management processes

## **Prerequisites**

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There are no prerequisites