



# CompTIA

## Network+ 03

### Network Operations

#### STUDY PLAN

# MAALINKA 1AAD

## TRANSPORT PROTOCOLS

1. Transport Layer Ports and Connections
2. Transmission Control Protocol (TCP)
3. Common TCP and UDP Ports
4. User Datagram Protocol (UDP)

# MAALINKA 2AAD

## TOOLS TO SCAN NETWORK PORTS

1. IP Scanners
2. Nmap Scanner
3. Netstat Tool

# MAALINKA 3AAD

## DHCP and DNS

1. DHCP Overview
2. DHCP Options Configuration
3. Host Names and Fully Qualified Domain Names
4. Domain Name System (DNS)
5. Resource Record Types
6. DNS Server Configuration

## **MAALINKA 4AAD**

### **WEB, FILE/PRINT, AND DATABASE SERVICES**

1. Hypertext Transfer Protocol (HTTP)
2. Web Servers
3. Secure Sockets Layer and Transport Layer Security
4. FTP Iyo sFTP
5. File and Print Services
6. Database Services

## **MAALINKA 5AAD**

### **EMAIL AND VOICE SERVICES**

1. Simple Mail Transfer Protocol (SMTP)
2. Voice and Video Services

## **MAALINKA 6AAD**

### **NETWORK MANAGEMENT SERVICES**

1. SSH and Telnet
2. Remote Desktop Protocol (RDP)
3. Network Time Protocol (NTP)
4. Event Management