



CompTIA

Network+ 05

Wireless Networks and Remote Access

STUDY PLAN

MAALINKA 1AAD

SUMMARIZE WIRELESS STANDARDS

1. IEEE 802.11 Wireless Standards
2. IEEE 802.11a and 5 GHz Channel Bandwidth
3. IEEE 802.11b/g and 2.4 GHz Channel Bandwidth
4. IEEE 802.11n (Wi-Fi 4) MIMO, and Channel Bonding
5. Wi-Fi 5 and Wi-Fi 6
6. 2G, 3G, 4G and 5G Cellular Technologies

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INSTALL WIRELESS NETWORKS

1. Infrastructure Topology and Wireless Access Points
2. Wireless Site Design
3. Wireless Roaming and Bridging
4. Wireless LAN Controllers
5. Ad Hoc and Mesh Topologies
6. SOHO Wireless Router Quick Setup
7. Business Wi-Fi Router Configuration

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TROUBLESHOOT WIRELESS NETWORKS

1. Wireless Performance Assessment
2. Antenna Types and Wireless Coverage Issues

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CONFIGURE AND TROUBLESHOOT WIRELESS SECURITY

1. Wi-Fi Encryption Standards
2. Enterprise and Personal Authentication
3. Wi-Fi Security Configuration Issues

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EXPLAIN WAN PROVIDER LINKS

1. Wide Area Network Technologies and the OSI Model

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REMOTE ACCESS METHODS

1. Remote Network Access Authentication and Authorization
2. Tunneling and Encapsulation Protocols
3. Client-to-Site Virtual Private Networks
4. Remote Host Access and Remote Desktop Gateways
5. Site-to-Site Virtual Private Networks
6. Hub and Spoke VPNs and VPN Headends
7. Internet Protocol Security (IPSec)
8. Out-of-Band Management Methods