

CCNA Exam Topics

1. Network Fundamentals (20%)

- Basic networking concepts
- IPv4 and IPv6 addressing
- Network components and architectures

2. Network Access (20%)

- VLANs and trunking
- Wireless concepts
- Switching technologies

3. IP Connectivity (25%)

- Routing fundamentals
- Static routing
- OSPF configuration

4. IP Services (10%)

- DHCP
- DNS
- NAT
- Network Time Protocol

5. Security Fundamentals (15%)

- Access control
- Network security concepts
- VPN basics

6. Automation and Programmability (10%)

- Network automation

- REST APIs
- Network management tools.