

## CCNA Routing and Switching ( 200-120 )

### 1- Network Fundamentals

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1-How to Subnet

2-VLSM

3-Route Summarization

4-Cables and Connections

5-The command-line interface

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### 2- LAN Switching Technologies

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1-Configuring a Switch

2-VLANS

3-VLAN Trunking Protocol and Inter-vlan communication

4-Port-Security

5-Spanning Tree Protocol

6-EtherChannel

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### 3- Routing Technologies : IPv4 and IPv6

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1-Configuring a CISCO Router

2-Static Routing

3-RIP Next Generation

4-EIGRP and EIGRPv6

5-OSPFv2 and OSPFv3

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### 4- WAN Technologies

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- 1-Understanding Point-to-Point Protocols
- 2-Border Gateway Protocol (BGP)
- 3-Network Address Translation ( NAT )
- 4-Managing Traffic Using Access Control List
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