Network Switch Configuration Guide (Cisco IOS)

1. Accessing the Switch

Use a console cable or SSH. Default console settings are 9600 baud, 8N1.

2. Entering Configuration Mode

Commands:
enable
configure terminal

3. Setting Hostname

hostname SW1

4. Setting Passwords

Enable password:
enable secret STRONGPASS

Console password:
line console 0
password CONSOLEPASS
login
exit

VTY (SSH) password:
line vty 0 4
password SSHPASS
login

5. Setting Date and Time

Manual:
clock set 10:30:00 22 JAN 2026

NTP:
ntp server 129.6.15.28

6. Creating VLANs

vlan 10
name SALES
exit
vlan 20

name IT

7. Assigning Ports to VLANs

interface fa0/1
switchport mode access
switchport access vlan 10

8. Trunk Configuration

interface g0/1
switchport mode trunk
switchport trunk allowed vlan 10,20

9. IP Address for Management

interface vlan 1
ip address 192.168.1.2 255.255.255.0
no shutdown

10. Enabling SSH

ip domain-name example.com
crypto key generate rsa
username admin secret ADMINPASS
line vty 0 4
transport input ssh

11. Saving Configuration

write memory or copy running-config startup-config