Cisco Configuration Cheat Sheet with Examples

1. Set Hostname & Domain Name

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enable

configure terminal

hostname R1

ip domain-name example.com

2. Set Enable Secret (Encrypted)

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enable secret cisco123

3. Configure Local User Account

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username admin privilege 15 secret adminpass

4. Configure Console Access

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line console 0

password conpass

login

exit

5. Configure VTY (SSH) Access

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line vty 0 4

login local

transport input ssh

6. Enable AAA for SSH Authentication

```
aaa new-model
aaa authentication login default local
```

7. Generate RSA Keys (For SSH)

```
crypto key generate rsa
# Enter 1024 or 2048 when prompted
ip ssh version 2
```

8. Assign IP Address to Interface

```
interface gigabitEthernet0/0
ip address 192.168.1.1 255.255.255.0
no shutdown
exit
```

9. Create VLAN and Assign Ports (on Switch)

```
vlan 10
name Users
exit
interface range fa0/1 - 10
switchport mode access
switchport access vlan 10
exit
```

10. Set Default Gateway (on Switch)

```
interface vlan 10
ip address 192.168.1.2 255.255.255.0
no shutdown
exit
ip default-gateway 192.168.1.1
```

11. Save Configuration

```
write memory
# or
copy running-config startup-config
```

12. Verify Configuration

```
show running-config
show ip interface brief
show vlan brief
show users
```