

SEDINTA 5

Criptare parole:

- No encryption – type 0

R1(config)# enable password <pass>

R1(config)#username <user> password <pass> privilege <nr>

- User EXEC mode—privilege level 1
- Privileged EXEC mode—privilege level 15

- Simple encryption - type 7 scheme.

R1(config)# service password-encryption

- Complex encryption - type 5 scheme

R1(config)# enable secret <pass>

Conectare securizata - SSH:

To enable SSH on the router, the following parameters must be configured:

- Hostname

R1(config)#hostname R1

- Domain name

R1(config)#ip domain-name pprc.ro

- Asymmetrical keys (Cisco recommends using a minimum modulus length of 1024)

R1(config)# crypto key generate rsa

- Local authentication

R1(config)#username admin secret admin

R1(config)#line vty 0 4

R1(config-line)#transport input ssh

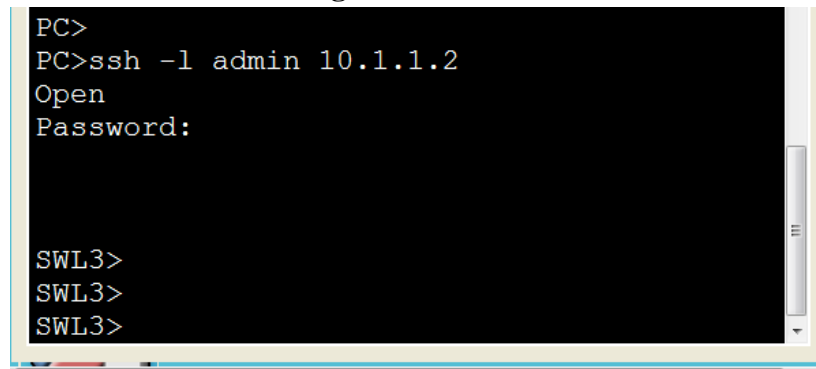
R1(config-line)#login local

Testare SSH:

Open command prompt on a device.

Enter command:

ssh -l <username> <target_device_IP or Name>



```
PC>
PC>ssh -l admin 10.1.1.2
Open
Password:

SWL3>
SWL3>
SWL3>
```

Alte metode posibile:

- Liste de acces
- AAA local or remote
- Switch Port-security
- VPN
- etc