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Tarea 11 Implementing Basic Connectivity

En esta practica se realizo una configuracion basica de una interfaz de red que consiste de 2 switches y 2 PCs.

Primero se configuro por medio del CLI de cada Switch el nombre del hostname, contraseñas de modo EXEC, se configuro el mensaje MOTD y se guardo la configuracion en la NVRAM.

Posteriormente se configuraron las direcciones IPs de las PC's por medio de el GUI de Desktop, las IPs del Switch se configuraron mediante el CLI y se guardaron las configuraciones en la NVRAM.

Y finalmente se verifico la conexión de red.

```
Pinging 192.169.1.253 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.
```

Assessment Items	Status	Points	Component(s)	F
⊟ Network				
⊟ PC1				
⊟ Ports				
⊟ FastEthernet0				
✔ IP Address	Correct	15	IPv4 Host Addr…	
✔ Subnet Mask	Correct	2	IPv4 Host Addr…	
⊟ PC2				
⊟ Ports				
⊟ FastEthernet0				
✔ IP Address	Correct	15	IPv4 Host Addr…	
✔ Subnet Mask	Correct	2	IPv4 Host Addr…	
⊟ S1				
✔ Banner MOTD	Correct	1	Basic Security …	
⊟ Console Line				
✔ Login	Correct	1	Basic Security …	
✔ Password	Correct	1	Basic Security …	
✔ Enable Secret	Correct	1	Basic Security …	
✔ Host Name	Correct	1	Hostname Con…	
⊟ Ports				
⊟ Vlan1				
✔ IP Address	Correct	5	IPv4 Host Addr…	
✔ Port Status	Correct	10	IPv4 Host Addr…	
✔ Subnet Mask	Correct	5	IPv4 Host Addr…	
✔ Startup Config	Correct	2	Configuration …	
⊟ S2				
✔ Banner MOTD	Correct	1	Basic Security …	
⊟ Console Line				
✔ Login	Correct	1	Basic Security …	
✔ Password	Correct	1	Basic Security …	
✔ Enable Secret	Correct	1	Basic Security …	
✔ Host Name	Correct	1	Hostname Con…	
⊟ Ports				
⊟ Vlan1				
✔ IP Address	Correct	5	IPv4 Host Addr…	
✔ Port Status	Correct	10	IPv4 Host Addr…	
✔ Subnet Mask	Correct	5	IPv4 Host Addr…	

Assessment Items	Status	Points	Component(s)	Feedback
Network				
PC1				
RS 232				
Link to S1				
✔ Connects to Console	Correct	5	Device Connect...	
✔ Type	Correct	5	Device Connect...	
S1				
Console				
Link to PC1				
✔ Connects to RS 232	Correct	5	Device Connect...	
✔ Type	Correct	5	Device Connect...	

Score   : 20/20

Item Count   : 4/4

Component	Items/Total	Score
Device Connection	4/4	20/20

```
Password:

S1>enable
Password:
Password:
Password:
S1#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
S1(config)#banner motd $Authorized access only. Violators will be prosecuted to the full extent of th e alw.$
S1(config)#exit
S1#
%SYS-5-CONFIG_I: Configured from console by console

S1#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
S1#
S1#
S1#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
S1(config)#interface vlan1
S1(config-if)#ip address 192.168.1.253 255.255.255.0
S1(config-if)#no shutdown

S1(config-if)#
%LINK-5-CHANGED: Interface Vlan1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up

S1(config-if)#exit
```