

Tarea 09

Topology Orientation and Building a small network

Esta practica nos habla acerca de las conexiones cruzadas y directas por medio de un cable ethernet, lo cual sucede cuando invertimos los cables de color naranja por los de color verde.

Posteriormente se conectaron 2 PC's asignandole a cada una una IP estatica y se realizó una prueba de conexión con el comando **ping**.

```
Pinging 192.168.1.3 with 32 bytes of data:

Reply from 192.168.1.3: bytes=32 time=3ms TTL=128
Reply from 192.168.1.3: bytes=32 time=2ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time=3ms TTL=128

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 2ms

C:\>|
```

Navigating the IOS

En esta practica aprendi a como conectarme de una PC a un Switch por medio de un cable de consola.

A su vez aprendi varios comandos basicos con ayuda del IOS Help. Aprendi a acceder en el modo EXEC para tener mas comandos disponibles y finalmente aprendi a configurar el reloj del switch.

```

terminal    Set terminal line parameters
traceroute  Trace route to destination
S1>te?
telnet      terminal
S1>en
S1>enable
S1#?
Exec commands:
clear       Reset functions
clock       Manage the system clock
configure   Enter configuration mode
connect     Open a terminal connection
copy        Copy from one file to another
debug       Debugging functions (see also 'undebug')
delete      Delete a file
dir         List files on a filesystem
disable     Turn off privileged commands
disconnect  Disconnect an existing network connection
enable      Turn on privileged commands
erase       Erase a filesystem
exit        Exit from the EXEC
logout      Exit from the EXEC
more        Display the contents of a file
no          Disable debugging informations
ping        Send echo messages
reload      Halt and perform a cold restart
resume      Resume an active network connection
setup       Run the SETUP command facility
show        Show running system information

```

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