

PARTE A

1.- Un pantallazo no que se vexa o Check Results completo.

Activity Results Time Elapsed: 00:23:13

You did not complete the activity. Please close this window and try again.

Overall Feedback **Assessment Items** Connectivity Tests

Expand/Collapse All Show Incorrect Items

Assessment Items	Status	Points	Component(s)	Feedback
Network				
PC1				
PC2				
S1				
Banner MOTD	Correct	1	Basic Security Configuration	
Console Line				
Login	Correct	1	Basic Security Configuration	
Password	Correct	1	Basic Security Configuration	
Enable Secret	Correct	1	Basic Security Configuration	
Host Name	Incorrect	1	Hostname Configuration	
Ports				
Startup Config	Correct	2	Configuration Management	
S2				
Banner MOTD	Correct	1	Basic Security Configuration	
Console Line				
Enable Secret	Correct	1	Basic Security Configuration	
Host Name	Incorrect	1	Hostname Configuration	
Ports				
Startup Config	Correct	2	Configuration Management	

Score : 86/88

Item Count : 20/22

Component	Items/Total	Score
Basic Security Configuration	8/8	8/8
Configuration Management	2/2	4/4
Hostname Configuration	0/2	0/2
IPv4 Host Address Configuration	10/10	74/74

Nota. Falla la configuración del hostname en los dos switches aunque realmente es correcta. Por eso quedó al 90%

2.- Configuración do switch S1, o resultado do comando show running-config.

```
s1#show running-config
Building configuration...

Current configuration : 1293 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname s1
!
enable secret 5 $l$mERr$9cTjUIEqNGurQiFU.ZeCil
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2
!
interface FastEthernet0/3
!
interface FastEthernet0/4
!
interface FastEthernet0/5
!
--More--
```

```
!
interface FastEthernet0/24
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
 ip address 192.168.1.253 255.255.255.0
!
 banner motd ^Ccceso autorizado nicamente. Los infractores se procesarn en la medida en
 que lo permita la ley."
 banner motd ^C
!
!
!
!
!
line con 0
 password cisco
 login
!
line vty 0 4
```


3.- Configuración do switch S1, o resultado do comando show running-config.

Entiendo es una errata porque es igual que el punto 2. Creo que lo que se quiere es del switch s2. Es todo idéntico, salvo que cambia la ip (acaba en 254) y el hostname (s2 en lugar de s1)

4.- Un ping desde PC1 ao S2

```
C:\>ping 192.168.1.254

Pinging 192.168.1.254 with 32 bytes of data:

Request timed out.
Reply from 192.168.1.254: bytes=32 time<1ms TTL=255
Reply from 192.168.1.254: bytes=32 time<1ms TTL=255
Reply from 192.168.1.254: bytes=32 time=3ms TTL=255

Ping statistics for 192.168.1.254:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 3ms, Average = 1ms
```

5.- Un ping desde PC2 ao S1.

```
C:\>ping 192.168.1.253

Pinging 192.168.1.253 with 32 bytes of data:

Request timed out.
Reply from 192.168.1.253: bytes=32 time<1ms TTL=255
Reply from 192.168.1.253: bytes=32 time<1ms TTL=255
Reply from 192.168.1.253: bytes=32 time<1ms TTL=255

Ping statistics for 192.168.1.253:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

Referencia:

[8.5.1.3 Packet Tracer – Implementing Basic Connectivity Answers - InfraExam 2023](#)

PARTE B

1.- Un pantallazo no que se vexa o Check Results completo.

Nuevamente me falló la configuración del nombre del host. Por eso quedó al 98%.

Activity Results

Time Elapsed: 00:38:44

You did not complete the activity. Please close this window and try again.

Overall FeedbackAssessment ItemsConnectivity Tests

Expand/Collapse AllShow Incorrect Items

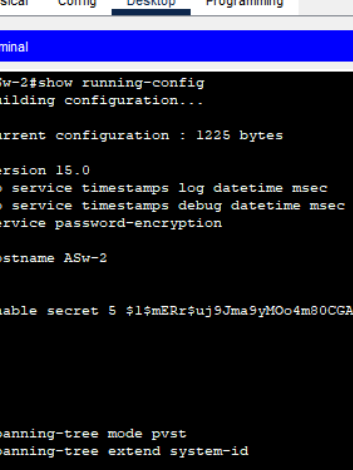
Assessment Items	Status	Points	Component(s)	Feedback
[-] Network				
[-] ASw-1				
Banner MOTD	Correct	2	Basic Security C...	
[-] Console Line		0	Other	
Password	Correct	1	Basic Security C...	
Enable Secret	Correct	2	Basic Security C...	
Host Name	Incorrect	1	Hostname Config...	
Ports				
Service Password Encryption	Correct	1	Basic Security C...	
Startup Config	Correct	2	Configuration Ma...	
[-] VTY Lines		0	Other	
VTY Line 0		0	Other	
Password	Correct	1	Basic Security C...	
[-] ASw-2				
Banner MOTD	Correct	2	Basic Security C...	
[-] Console Line		0	Other	
Password	Correct	1	Basic Security C...	
Enable Secret	Correct	2	Basic Security C...	
Host Name	Incorrect	1	Hostname Config...	
Ports				
Service Password Encryption	Correct	1	Basic Security C...	
Startup Config	Correct	2	Configuration Ma...	
[-] VTY Lines		0	Other	
VTY Line 0		0	Other	
Password	Correct	1	Basic Security C...	
[-] User-01				
[-] User-02				

Score : 98/100

Item Count : 22/24

Component	Items/Total	Score
Basic Security Configuration	10/10	14/14
Configuration Management	2/2	4/4
Hostname Configuration	0/2	0/2
IPv4 Host Address Configuration	10/10	70/70
Connectivity		
Connectivity Tests	6/6	10/10

2.- Configuración do switch 1 o resultado do comando show running-config.



User-01

Physical Config **Desktop** Programming

Terminal

```
ASw-2#show running-config
Building configuration...


Current configuration : 1225 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname ASw-2
!
!
enable secret 5 $1$mERr$uj9Jma9yMOo4m80CGAhoP1
!
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2
!
```

```

!
interface FastEthernet0/23
!
interface FastEthernet0/24
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
 ip address 128.107.20.10 255.255.255.0
banner motd ^Cwarning^C
!
!
!
!
!
!
line con 0
 password 7 08396D595F12
 login
!
line vty 0 4
 password 7 08396D595F12
 login
line vty 5 15
 login
!
!
!
!
end

```


3.- Configuración do switch 2, o resultado do comando show running-config.



Physical
Config
Desktop
Programming

Terminal

```

ASw-l#show running-config
Building configuration...

Current configuration : 1224 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
service password-encryption
!
hostname ASw-l
!
!
enable secret 5 $1$mERr$uj9Jma9yMOo4m80CGAhoP1
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2
!
interface FastEthernet0/3
!
interface FastEthernet0/4
!
interface FastEthernet0/5
!
interface FastEthernet0/6
!
interface FastEthernet0/7

```

User-02

Physical

Config

Desktop

Programming

Terminal

```

!
interface FastEthernet0/22
!
interface FastEthernet0/23
!
interface FastEthernet0/24
!
interface GigabitEthernet0/1
!
interface GigabitEthernet0/2
!
interface Vlan1
 ip address 128.107.20.15 255.255.255.0
!
banner motd ^Cprueba^C
!
!
!
!
!
line con 0
 password 7 08396D595F12
 login
!
line vty 0 4
 password 7 08396D595F12
 login
line vty 5 15
 login
!
!
!
!
!
end
ASw-1#

```

4.- A configuración de PC1, e PC2, co comando c:> ipconfig /all

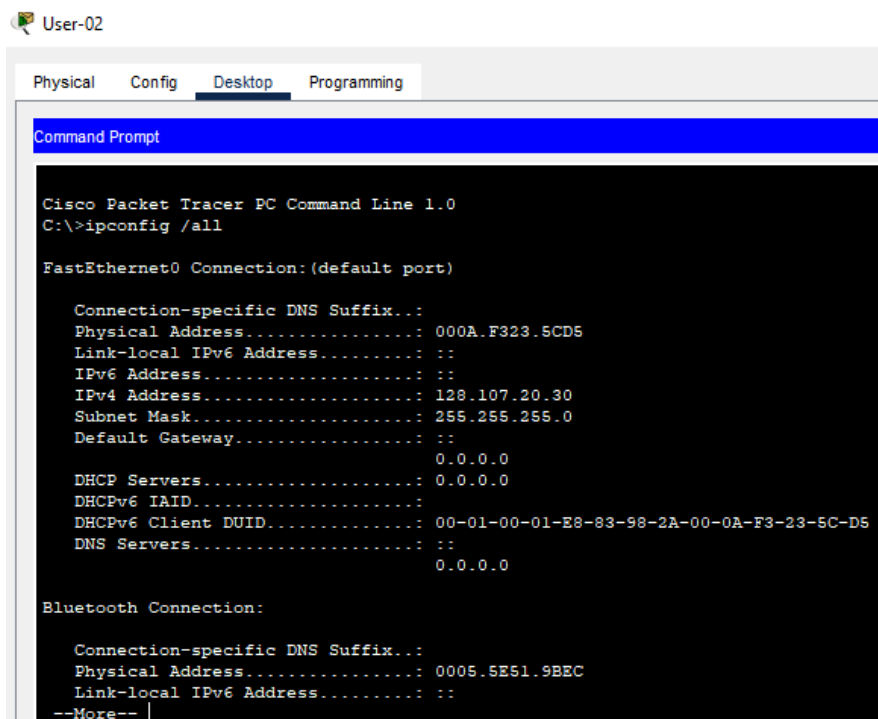
```
C:\>ipconfig /all

FastEthernet0 Connection: (default port)

    Connection-specific DNS Suffix...:
    Physical Address.....: 00E0.F980.85CD
    Link-local IPv6 Address.....: ::
    IPv6 Address.....: ::
    IPv4 Address.....: 128.107.20.25
    Subnet Mask.....: 255.255.255.0
    Default Gateway.....: ::
                                0.0.0.0
    DHCP Servers.....: 0.0.0.0
    DHCPv6 IAID.....:
    DHCPv6 Client DUID.....: 00-01-00-01-71-65-C4-1B-00-E0-F9-80-85-CD
    DNS Servers.....: ::
                                0.0.0.0

Bluetooth Connection:

    Connection-specific DNS Suffix...:
    Physical Address.....: 0001.644B.0930
    Link-local IPv6 Address.....: ::
--More-- |
```



Referencias:

[2.4.1.2 Packet Tracer - Skills Integration Challenge Instructions Answers \(itexamanswers.net\)](https://itexamanswers.net/2.4.1.2-Packet-Tracer-Skills-Integration-Challenge-Instructions-Answers/)

PARTE C

1.- Un pantallazo no que se vexa o Check Results completo.

No pude hacer el laboratorio porque no me permite cambiar de la pnatalla inicial a la de la topología. ¿Tal vez problema de compatibilidad entre versiones de cisco packet tracer?

2.- Configuración do switch S1, o resultado do comando show running-config.

No pude hacer el laboratorio porque no me permite cambiar de la pnatalla inicial a la de la topología. ¿Tal vez problema de compatibilidad entre versiones de cisco packet tracer?

3.- Configuración do switch S2, o resultado do comando show running-config.

No pude hacer el laboratorio porque no me permite cambiar de la pnatalla inicial a la de la topología. ¿Tal vez problema de compatibilidad entre versiones de cisco packet tracer?

4.- Responde ás preguntas

¿Por qué algunos puertos FastEthernet en los switches están activos y otros inactivos?

Los puertos FastEthernet están activos cuando los cables están conectados a los puertos, a menos que los administradores los hayan desactivado manualmente. De lo contrario, los puertos están inactivos.

¿Qué podría evitar que se envíe un ping entre las PC?

Dirección IP incorrecta, medios desconectados, switch apagado o puertos administrativamente inactivos, firewall.

Importante. En las referencias localizadas se explica paso a paso como solucionar el laboratorio. Entiendo que la tarea consiste en entender esos pasos.

Referencias

[CCNA CISCO: CREACIÓN DE UNA RED SIMPLE \(ciscoccnasonson.blogspot.com\)](http://ciscoccnasonson.blogspot.com)

[2.3.3.3 Lab - Building a Simple Network Answers \(itexamanswers.net\)](http://itexamanswers.net)

[2.3.3.3 Lab - Building a Simple Network - YouTube](https://www.youtube.com/watch?v=...)