



NOMBRE DE LA MATERIA
Fundamento de Redes

NOMBRE DEL DOCENTE
Rafael Preciado Gutiérrez

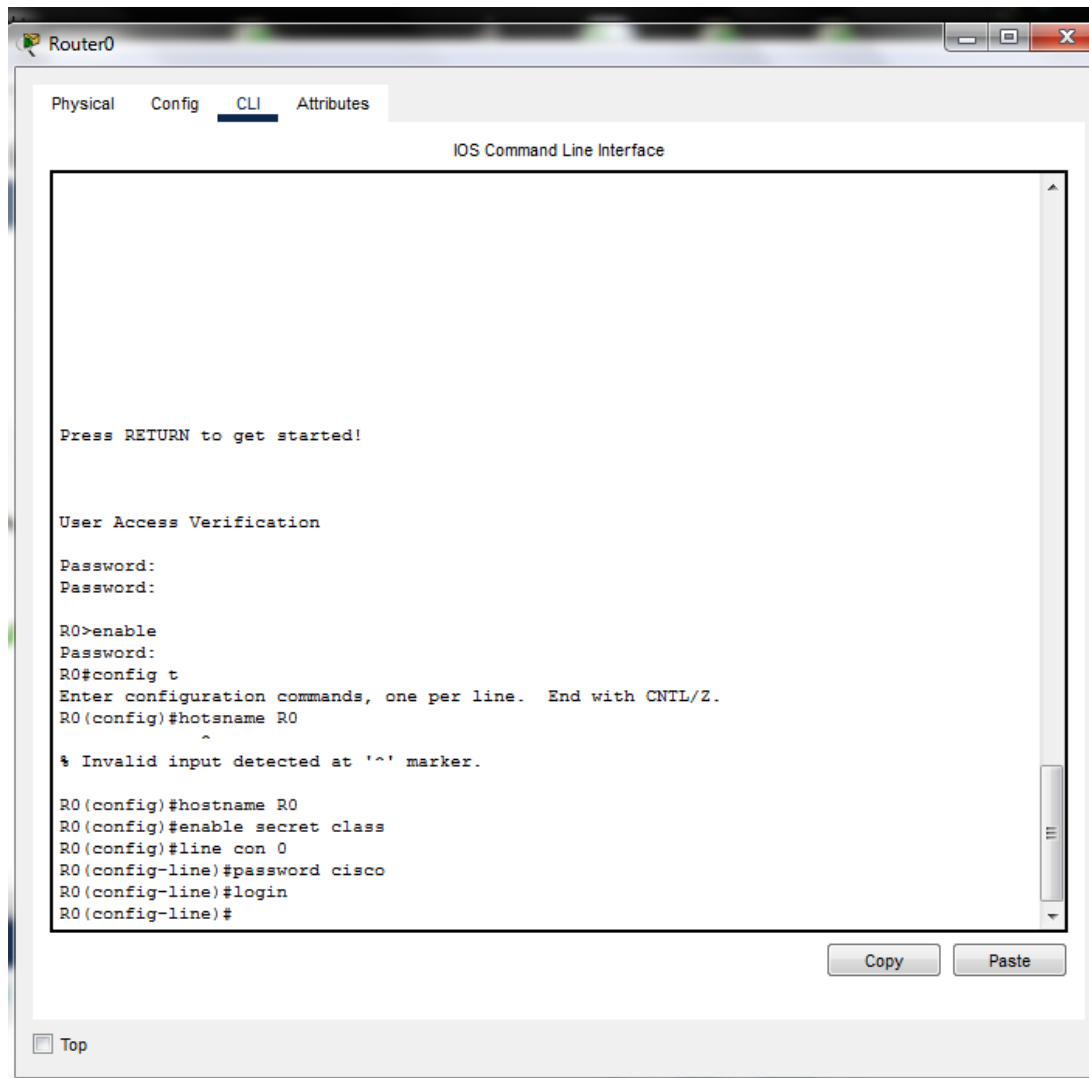
NOMBRE DEL TRABAJO
Router 3

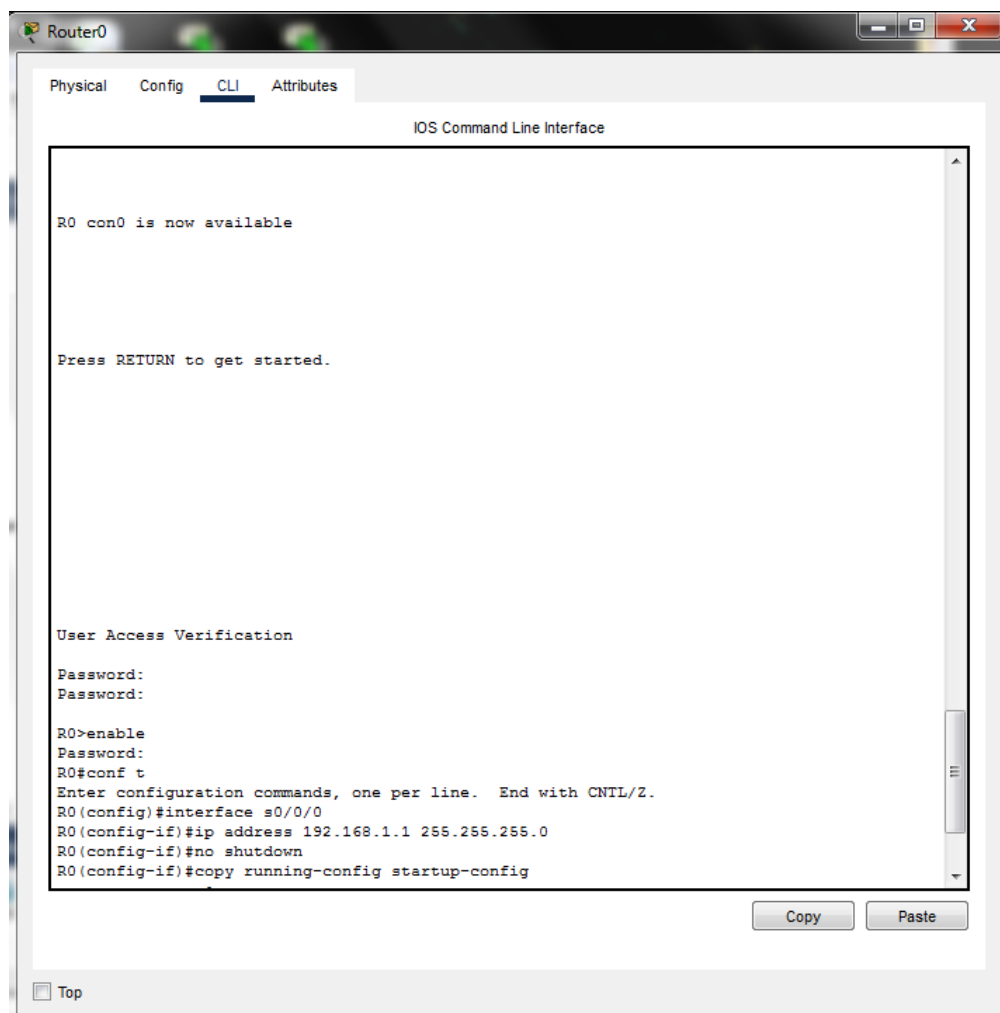
NOMBRE DEL ALUMNO
Alejandro Guevara de Luna

UNIDAD

FECHA Y LUGAR
18 de noviembre del 2022









```
IOS Command Line Interface
Copyright (c) 1986-2007 by Cisco Systems, Inc.
Compiled Wed 18-Jul-07 04:52 by pt_team

Press RETURN to get started!

User Access Verification

Password:
Password:

R1>enable
Password:
R1#conf t
Enter configuration commands, one per line. End with CNTRL/Z.
R1(config)#interface s0/0/0
R1(config-if)#ip address 192.168.1.2 255.255.255.0
R1(config-if)#no shutdown

R1(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

R1(config-if)#exit
R1(config)#exit
R1#
%SYS-5-CONFIG_I: Configured from console by console

R1#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R1#
```





```
Router0
Physical Config CLI Attributes
IOS Command Line Interface

User Access Verification
Password:
R0>enable
Password:
R0#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R0(config)#interface s0/0/1
^
% Invalid input detected at '^' marker.

R0(config)#interface s0/0/1
R0(config-if)#ip address 192.168.3.1 255.255.255.0
R0(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to down
R0(config-if)#exit
R0(config)#exit
R0#
%SYS-5-CONFIG_I: Configured from console by console

R0#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R0#
```





```
Router2
Physical Config CLI Attributes
IOS Command Line Interface
Router>enable
Router#hostname R2
^
% Invalid input detected at '^' marker.
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname R2
R2(config)#enable secret class
R2(config)#line con 0
R2(config-line)#password cisco
R2(config-line)#login
R2(config-line)#exit
R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console
R2#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R2(config)#interface s0/0/1
R2(config-if)#ip address 192.168.3.2 255.255.255.0
R2(config-if)#no shutdown
R2(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up
R2(config-if)#exit
R2(config)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1, changed state to up
R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console
R2#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
```





```
Router0
Physical Config CLI Attributes
IOS Command Line Interface

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1, changed state to up

User Access Verification

Password:

R0>enable
Password:
R0#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R0(config)#interface fa0/0
R0(config-if)#ip address 172.14.15.1 255.0.0.0
R0(config-if)#not shutdown
^
% Invalid input detected at '^' marker.

R0(config-if)#no shutdown

R0(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

R0(config-if)#exit
R0(config)#exit
R0#
%SYS-5-CONFIG_I: Configured from console by console

R0#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R0#
```





Router1

Physical Config **CLI** Attributes

IOS Command Line Interface

```
User Access Verification
Password:

R1>enable
Password:
R1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interface fa0/0
R1(config-if)#ip address 10.10.10.1 255.0.0.0
R1(config-if)#no shutdown

R1(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

R1(config-if)#exit
R1(config)#exit
R1#
%SYS-5-CONFIG_I: Configured from console by console

R1#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R1#
```

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```
Router2
Physical Config CLI Attributes
IOS Command Line Interface

User Access Verification
Password:
R2>enable
Password:
R2#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R2(config)#interface fa0/0
R2(config-if)#ip address 11.10.10.1 255.0.0.0
R2(config-if)#no shutdown

R2(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

R2(config-if)#exit
R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console

R2#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R2#
```





```
Router1
Physical Config CLI Attributes
IOS Command Line Interface

Press RETURN to get started.

User Access Verification

Password:

R1>enable
Password:
R1#conf t
Enter configuration commands, one per line. End with CNIL/Z.
R1(config)#ip route 172.14.15.0 255.255.255.0 192.168.1.2
%Invalid next hop address (it's this router)
R1(config)#ip route 172.14.15.0 255.255.255.0 192.168.1.1
R1(config)#exit
R1#
%SYS-5-CONFIG_I: Configured from console by console

R1#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R1#
```





```
Router0
Physical Config CLI Attributes
IOS Command Line Interface
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Press RETURN to get started!

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up
%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1, changed state to up

User Access Verification
Password:

R0>enable
Password:
R0#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R0(config)#ip route 10.10.10.0 255.255.255.0 192.168.1.2
R0(config)#exit
R0#
%SYS-5-CONFIG_I: Configured from console by console

R0#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R0#
```





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Router0
Physical Config CLI Attributes
IOS Command Line Interface
Press RETURN to get started.

User Access Verification
Password:

R0>enable
Password:
R0#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R0(config)#ip route 11.10.10.0 255.255.255.0
% Unknown command or computer name, or unable to find computer address

R0(config)#ip route 11.10.10.0 255.255.255.0 192.168.3.2
R0(config)#exit
R0#
%SYS-5-CONFIG_I: Configured from console by console

R0#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R0#
```





Router2

Physical Config **CLI** Attributes

IOS Command Line Interface

```
Press RETURN to get started.
```



```
User Access Verification
```

```
Password:
```

```
R2>enable
```

```
Password:
```

```
R2#conf t
```

```
Enter configuration commands, one per line. End with CNTL/Z.
```

```
R2(config)#ip route 172.14.15.0 255.255.255.0 192.168.3.1
```

```
R2(config)#exit
```

```
R2#
```

```
%SYS-5-CONFIG_I: Configured from console by console
```



```
R2#copy running-config startup-config
```

```
Destination filename [startup-config]?
```

```
Building configuration...
```

```
[OK]
```

```
R2#
```

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