

Modulo # 12 – Laboratorio # 12.9.1

| Subnet | Address |
|-----------------------|--------------------------|
| R1 G0/0/ LAN | 2001:db8:acad:00c8::0/64 |
| R1 G0/1 LAN | 2001:db8:acad:00c9::0/64 |
| R2 G0/0 LAN | 2001:db8:acad:00ca::0/64 |
| R2 G0/1 LAN | 2001:db8:acad:00cb::0/64 |
| R1 to R2 link network | 2001:db8:acad:00cc::0/64 |

IOS Command Line Interface

compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:
<http://www.cisco.com/wwl/export/crypto/tool/stqrg.html>

If you require further assistance please contact us by sending email to export@cisco.com.

Cisco CISC01941/K9 (revision 1.0) with 491520K/32768K bytes of memory.
Processor board ID FTX152400KS
2 Gigabit Ethernet interfaces
2 Low-speed serial(sync/async) network interface(s)
DRAM configuration is 64 bits wide with parity disabled.
255K bytes of non-volatile configuration memory.
249856K bytes of ATA System CompactFlash 0 (Read/Write)

Press RETURN to get started!

```
R1>enable
R1#config t
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#ipv6 unicast-routing
R1(config)#int g0/0
R1(config-if)#ipv6 address fe80::1 link-local
R1(config-if)#ipv6 address 2001:db8:acad:c8::1/64
R1(config-if)#no shutdown

R1(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

R1(config-if)#
```

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R1(config-if)#no shutdown

R1(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

R1(config-if)#int g0/1
R1(config-if)#ipv6 address fe80::1 link-local
R1(config-if)#ipv6 address 2001:db8:acad:c9::1/64
R1(config-if)#no shutdown

R1(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

R1(config-if)#
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R1(config-if)#no shutdown

R1(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

R1(config-if)#int g0/1
R1(config-if)#ipv6 address fe80::1 link-local
R1(config-if)#ipv6 address 2001:db8:acad:c9::1/64
R1(config-if)#no shutdown

R1(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

R1(config-if)#int serial 0/0
%Invalid interface type and number
R1(config)#int serial 0/0/0
R1(config-if)#ipv6 address fe80::1 link-local
R1(config-if)#ipv6 address 2001:db8:acad:cc::1/64
R1(config-if)#no shutdown

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

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IOS Command Line Interface

```
Serial0/0/1      [administratively down/down]
  unassigned
Vlan1            [administratively down/down]
  unassigned
R2#
R2#config t
Enter configuration commands, one per line.  End with CNTL/Z.
R2(config)#ipv6 unicast-routing
R2(config)#int g0/0
R2(config-if)#ipv6 address fe80::2 link-local
R2(config-if)#ipv6 address 2001:db8:acad:ca::1/64
R2(config-if)#no shutdown

R2(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

R2(config-if)#int g0/1
R2(config-if)#ipv6 address fe80::2 link-local
R2(config-if)#ipv6 address 2001:db8:acad:cb::1/64
R2(config-if)#no shutdown

R2(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

R2(config-if)#int serial 0/0/0
R2(config-if)#ipv6 address fe80::2 link-local
R2(config-if)#ipv6 address 2001:db8:acad:cc::2/64
R2(config-if)#no shutdown

R2(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

R2(config-if)#
```

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