**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 |

## R1

### CLI

IOS Command Line Interface

```
Cisco CISCO1941/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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☐ Top

# R1

## CLI

IOS Command Line Interface

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Cisco CISCO1941/K9 (revision 1.0) with 491520K/32768K bytes of memory.
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2 Gigabit Ethernet interfaces
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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)#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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☐ Top

```
                                    R1                        _  □  ✕

CLI

                        IOS Command Line Interface

Press RETURN to get started!



R1>enable
R1#config t
Enter configuration commands, one per line.  End with CNTL/Z.
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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)#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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☐ Top
```

# R2

## CLI

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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