# ISP PC

Physical    Config    Desktop    Programming    Attributes

**Terminal**                                                                    X

```
5 minute output rate 0 bits/sec, 0 packets/sec
    0 packets input, 0 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants, 0 throttles
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 output buffer failures, 0 output buffers swapped out
    0 carrier transitions
    DCD=up  DSR=up  DTR=up  RTS=up  CTS=up
Vlan1 is administratively down, line protocol is down
  Hardware is CPU Interface, address is 0060.3eac.3cd2 (bia 0060.3eac.3cd2)
  MTU 1500 bytes, BW 100000 Kbit, DLY 1000000 usec,
     reliability 255/255, txload 1/255, rxload 1/255
  Encapsulation ARPA, loopback not set
  ARP type: ARPA, ARP Timeout 04:00:00
  Last input 21:40:21, output never, output hang never
  Last clearing of "show interface" counters never
  Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops: 0
  Queueing strategy: fifo
  Output queue: 0/40 (size/max)
  5 minute input rate 0 bits/sec, 0 packets/sec
  5 minute output rate 0 bits/sec, 0 packets/sec
     1682 packets input, 530955 bytes, 0 no buffer
     Received 0 broadcasts (0 IP multicast)
     0 runts, 0 giants, 0 throttles
     0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored
     563859 packets output, 0 bytes, 0 underruns
     0 output errors, 23 interface resets
     0 output buffer failures, 0 output buffers swapped out

ISPRouter#show interface br
ISPRouter#show interface brief
```

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Desktop    Programming

Terminal                                                                                          X

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/2, changed
state to up

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

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

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1, changed state to
up
Warning: Unauthorized Access is Prohibited!

User Access Verification

Password:

R1>enable
Password:
R1#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
R1(config)#interface g0/1
R1(config-if)#ip address 172.16.1.126 255.255.255.192
R1(config-if)#ipv6 address 2001:db8:cafe:1::1/64
R1(config-if)#ipv6 address fe80::1
% Incomplete command.
R1(config-if)#ipv6 address fe80::1 link-local
R1(config-if)#
```

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# R&D

Desktop   Programming

Terminal                                                                                    X

```
Warning: Unauthorized Access is Prohibited!

User Access Verification

Password:

R1>enable
Password:
R1#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
R1(config)#interface g0/1
R1(config-if)#ip address 172.16.1.126 255.255.255.192
R1(config-if)#ipv6 address 2001:db8:cafe:1::1/64
R1(config-if)#ipv6 address fe80::1
% Incomplete command.
R1(config-if)#ipv6 address fe80::1 link-local
R1(config-if)#line console 0
R1(config-line)#tr
R1(config-line)#transport in
R1(config-line)#transport input s
R1(config-line)#transport input ssh
                         ^
% Invalid input detected at '^' marker.

R1(config-line)#line vty 0 4
R1(config-line)#tr
R1(config-line)#transport i
R1(config-line)#transport input s
R1(config-line)#transport input ssh
R1(config-line)#exit
R1(config)#username Admin1 secret Admin1pa55
R1(config)#
```

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