

**Results**

```

Router#^@
Router#show ip int brief
Interface IP-Address OK? Method Status Protocol
Ethernet0 unassigned YES NVRAM administratively down down
FastEthernet0 110.99.99.2 YES manual up up
Loopback0 11.11.11.11 YES manual up up
Router#
Router#ping 200.1.1.2 source lo0

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 200.1.1.2, timeout is 2 seconds:
Packet sent with a source address of 11.11.11.11
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 1/2/4 ms
Router#

admin@HomeSentry> show session all filter application ping
-----
ID Application State Type Flag Src[Sport]/Zone/Proto (translated IP[Port])
Dst[Dport]/Zone (translated IP[Port])
-----
61238 ping ACTIVE FLOW ND 11.11.11.11[5]/LabWAN/1 (11.11.11.11[5])
vsys1 200.1.1.2[1]/LabLAN (172.22.22.22[1])
52505 ping ACTIVE FLOW ND 11.11.11.11[5]/LabWAN/1 (11.11.11.11[5])
vsys1 200.1.1.2[0]/LabLAN (172.22.22.22[0])
37734 ping ACTIVE FLOW ND 11.11.11.11[5]/LabWAN/1 (11.11.11.11[5])
vsys1 200.1.1.2[3]/LabLAN (172.22.22.22[3])
40544 ping ACTIVE FLOW ND 11.11.11.11[5]/LabWAN/1 (11.11.11.11[5])
vsys1 200.1.1.2[2]/LabLAN (172.22.22.22[2])
57470 ping ACTIVE FLOW ND 11.11.11.11[5]/LabWAN/1 (11.11.11.11[5])
vsys1 200.1.1.2[4]/LabLAN (172.22.22.22[4])
admin@HomeSentry>
  
```

LabWAN any to  
LabWAN 200.1.1.2 >  
DNAT 172.22.22.22

LabLAN any to  
LabWAN any > SNAT  
200.1.1.6

```

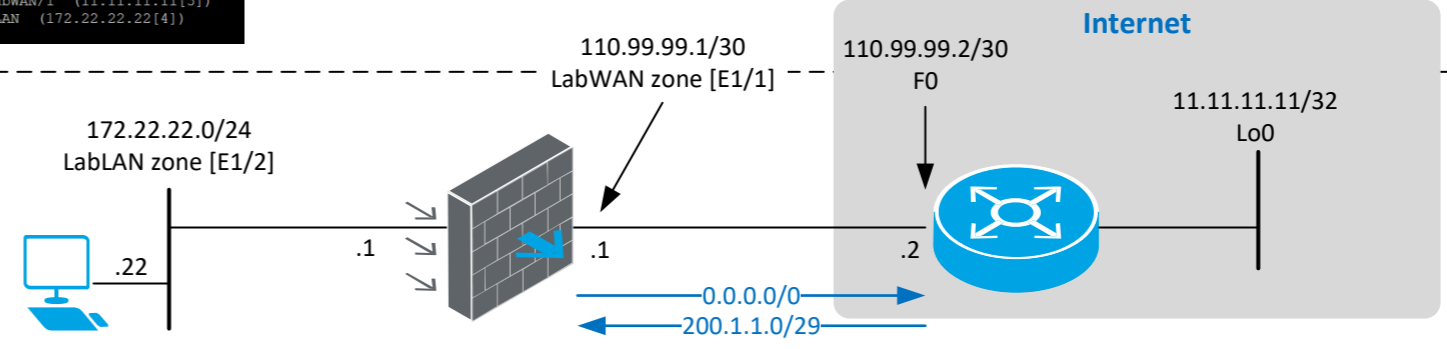
C:\Windows\system32>ping 11.11.11.11 -S 172.22.22.22

Pinging 11.11.11.11 from 172.22.22.22 with 32 bytes of data:
Reply from 11.11.11.11: bytes=32 time=2ms TTL=254
Reply from 11.11.11.11: bytes=32 time=3ms TTL=254
Reply from 11.11.11.11: bytes=32 time=3ms TTL=254
Reply from 11.11.11.11: bytes=32 time=2ms TTL=254

Ping statistics for 11.11.11.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 3ms, Average = 2ms

C:\Windows\system32>

Router#^@
Router#show ip int brief
Interface IP-Address OK? Method Status Protocol
Ethernet0 unassigned YES NVRAM administratively down down
FastEthernet0 110.99.99.2 YES manual up up
Loopback0 11.11.11.11 YES manual up up
Router#
Router#debug ip icmp
ICMP packet debugging is on
Router#
Aug 11 10:13:28.311: [ICMP: echo reply sent, src 11.11.11.11, dst 200.1.1.6
Aug 11 10:13:29.319: [ICMP: echo reply sent, src 11.11.11.11, dst 200.1.1.6
Aug 11 10:13:30.343: [ICMP: echo reply sent, src 11.11.11.11, dst 200.1.1.6
Aug 11 10:13:31.359: [ICMP: echo reply sent, src 11.11.11.11, dst 200.1.1.6
Router#
  
```



**Configurations**

INTERFACE	INTERFACE TYPE	MANAGEMENT PROFILE	LINK STATE	IP ADDRESS	VIRTUAL ROUTER	TAG	VLAN / VIRTUAL-WIRE	SECURITY ZONE
ethernet1/1	Layer3	Ping and HTTPS	🟢	110.99.99.1/30	LabTest	Untagged	none	LabWAN
ethernet1/2	Layer3	Ping and HTTPS	🟢	172.22.22.1/24	LabTest	Untagged	none	LabLAN
ethernet1/3	Aggregate (ae1)		🟢	none	none	Untagged	none	none
ethernet1/4	Layer2		🔴	none	none	Untagged	none	none
ethernet1/5	Virtual Wire		🔴	none	none	Untagged	default-vwire	untrust
ethernet1/6	Virtual Wire		🔴	none	none	Untagged	default-vwire	none
ethernet1/7	Layer2		🔴	none	none	Untagged	none	none
ethernet1/8	Layer3		🟢		Internet	Untagged	none	Internet

Pre-NAT IP, Post-NAT everything else.

NAME	TAGS	Original Packet			Translated Packet		Rule Usage					
		SOURCE ZONE	DESTINATION ZONE	DESTINATION INTERFACE	SOURCE ADDRESS	DESTINATION ADDRESS	SERVICE	SOURCE TRANSLATION	DESTINATION TRANSLATION	HIT COUNT	LAST HIT	
1	SNAT Test for VNC	Temp	LabLAN	LabWAN	ethernet1/1	any	any	any	dynamic-ip-and-port 200.1.1.6	none	3313	2023-08-10 14:40:48
2	DNAT Test for VNC	Temp	LabWAN	LabWAN	any	any	any	any	none destination-translation address: 172.22.22.22	50	50	2023-08-10 14:40:43

Virtual Router - LabTest

Router Settings | IPv4 | IPv6

Static Routes

NAME	DESTINATL.	INTERFACE	TYPE	VALUE	ADMIN DISTANCE	METRIC	ROUTE TABLE
Default Route	0.0.0.0/0		ip-address	110.99.99.2	default	10	unicast

Virtual Router - LabTest

Routing | RIP | OSPF | OSPFv3 | BGP | Multicast | BFD Summary Information

Route Table | Forwarding Table | Static Route Monitoring

Route Table Unicast Multicast Display Address Family IPv4 and IPv6

DESTINATION	NEXT HOP	METRIC	WEIGHT	FLAGS	AGE	INTERFACE
0.0.0.0/0	110.99.99.2	10		A S		ethernet1/1
110.99.99.0/30	110.99.99.1	0		A C		ethernet1/1
110.99.99.1/32	0.0.0.0	0		A H		
172.22.22.0/24	172.22.22.1	0		A C		ethernet1/2
172.22.22.1/32	0.0.0.0	0		A H		

Virtual Router - LabTest

Routing | RIP | OSPF | OSPFv3 | BGP | Multicast | BFD Summary Information

Route Table Forwarding Table Static Route Monitoring

Display Address Family IPv4 and IPv6

DESTINATION	NEXT HOP	FLAGS	INTERFACE	MTU
0.0.0.0/0	110.99.99.2	ug	ethernet1/1	1500
110.99.99.0/30	0.0.0.0	u	ethernet1/1	1500
110.99.99.1/32	0.0.0.0	uh	ethernet1/1	1500
172.22.22.0/24	0.0.0.0	u	ethernet1/2	1500
172.22.22.1/32	0.0.0.0	uh	ethernet1/2	1500