N9K-2

Lo1
10.0.0.92/24

Eth1/1

N9K-1

Eth1/34

Int VLAN 102
172.16.100.110/24

Eth1/35

FI-A

FI-B

Eth1/13-16

Eth1/13-16

Server 1
172.16.100.101/24

Server 2
172.16.100.102/24

UCS-B

N9K-1 Running Configuration:

```
N9K-1# conf t
Enter configuration commands, one per line. End with CNTL/Z.

N9K-1(config)# feature pbr

N9K-1(config)# ip access-list ICMP_POLICY

N9K-1(config-acl)# permit icmp host 172.16.100.101 host 10.0.0.92

N9K-1(config-acl)# route-map POLICY_ROUTE 10

N9K-1(config-route-map)# match ip address ICMP_POLICY

N9K-1(config-route-map)# set ip next-hop 10.0.0.92

N9K-1(config-route-map)# int vlan 102

N9K-1(config-if)# ip policy route-map POLICY_ROUTE

N9K-1(config-if)# route-map POLICY_ROUTE pbr-statistics
```

N9K-1 Basic Verification Command:

```
N9K-1(config)# show route-map POLICY_ROUTE pbr-statistics
route-map POLICY_ROUTE, permit, sequence 10
  Policy routing matches: 4 packets

Default routing: 0 packets
```

N9K-1 Routing Table:

```
N9K-1(config)# show ip route
IP Route Table for VRF "default"
'*' denotes best ucast next-hop
'**' denotes best mcast next-hop
'[x/y]' denotes [preference/metric]
'%<string>' in via output denotes VRF <string>

172.16.100.0/24, ubest/mbest: 1/0, attached
    *via 172.16.100.110, Vlan102, [0/0], 3d23h, direct
172.16.100.110/32, ubest/mbest: 1/0, attached
    *via 172.16.100.110, Vlan102, [0/0], 3d23h, local
```

Server 1 Ping Result:

Testing Management Network

You may interrupt the test at any time.

Pinging address #1 (10.0.0.92).   OK.

*The ping to 10.0.0.92 is only made possible via the route-map configured as part of
the PBR config and not because of the RIB.

Happy Labbing!

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