

Messages between R2 and R3

```
R3
R3(config)#
*Jul 12 09:32:22.598: %BGP-4-MSGDUMP: unsupported or mal-formatted message received from 192.168.103.102:
FFFF FFFF FFFF FFFF FFFF FFFF FFFF FFFF 0039 0104 0003 00B4 0202 0202 1C02 0601
0400 0100 0102 0280 0002 0202 0002 0246 0002 0641 0400 0000 03
*Jul 12 09:32:23.409: %BGP-3-NOTIFICATION: sent to neighbor 192.168.103.102 passive 2/2 (peer in wrong AS) 2 bytes 0003
R3(config)#
*Jul 12 09:32:23.409: %BGP-4-MSGDUMP: unsupported or mal-formatted message received from 192.168.103.102:
FFFF FFFF FFFF FFFF FFFF FFFF FFFF FFFF 0039 0104 0003 00B4 0202 0202 1C02 0601
0400 0100 0102 0280 0002 0202 0002 0246 0002 0641 0400 0000 03
R3(config)#
*Jul 12 09:32:27.716: %BGP-5-NBR_RESET: Neighbor 192.168.103.102 active reset (BGP Notification sent)
*Jul 12 09:32:27.716: %BGP-5-NBR_RESET: Neighbor 192.168.103.102 passive reset (BGP Notification sent)
*Jul 12 09:32:27.716: %BGP-5-ADJCHANGE: neighbor 192.168.103.102 passive Down BGP Notification sent
*Jul 12 09:32:27.716: %BGP-5-ADJCHANGE: neighbor 192.168.103.102 active Down BGP Notification sent
*Jul 12 09:32:27.716: %BGP_SESSION-5-ADJCHANGE: neighbor 192.168.103.102 IPv4 Unicast topology base r
R3(config)#removed from session BGP Notification sent
R3(config)#
IS inter area, * - candidate default, 0 - per-user static route
```

On router 2

```
R2#show ip bgp sum
BGP router identifier 2.2.2.2, local AS number 3
BGP table version is 1, main routing table version 1

Neighbor      U          AS MsgRcvd MsgSent   TblVer  InQ  OutQ Up/Down  State
/PfxRcd
192.168.102.101 4          3     52     52       1     0    0 00:43:43
0
192.168.103.103 4          89      0      0       1     0    0 never   Idle
R2#
```

On router 3

```
R3#show ip bgp sum
BGP router identifier 192.168.104.103, local AS number 89
BGP table version is 1, main routing table version 1

Neighbor      U          AS MsgRcvd MsgSent   TblVer  InQ  OutQ Up/Down  State
/PfxRcd
192.168.103.102 4          89      0      0       1     0    0 never   Idle
R3#
```

On router 1

```
R1#show ip bgp sum
BGP router identifier 1.1.1.1, local AS number 3
BGP table version is 1, main routing table version 1

Neighbor      U          AS MsgRcvd  MsgSent   TblVer   InQ  OutQ  Up/Down   State
/PfxRcd
192.168.102.102 4          3      54      54        1     0     0 00:45:13
0
```