

Display Sent or Received BGP Packets

Action To configure the tracing for sent or received BGP protocol packets, follow these steps:

1. In configuration mode, go to the following hierarchy level:

```
[edit]
user@host# edit protocol bgp traceoptions
```

2. Configure the flag to display sent, received, or both sent and received packet information:

```
[edit protocols bgp traceoptions]
user@host# set flag update send
```

or

```
[edit protocols bgp traceoptions]
user@host# set flag update receive
```

or

```
[edit protocols bgp traceoptions]
user@host# set flag update
```

3. Verify the configuration:

```
user@host# show
```

For example:

```
[edit protocols bgp traceoptions]
user@host# show
file bgplog size 10k files 10;
flag update send;
```

or

```
[edit protocols bgp traceoptions]
user@host# show
file bgplog size 10k files 10;
flag update receive;
```

or

```
[edit protocols bgp traceoptions]
user@host# show
file bgplog size 10k files 10;
flag update send receive;
```

4. Commit the configuration:

```
user@host# commit
```

5. View the contents of the file containing the detailed messages:

```
user@host# run show log filename
```

For example:

```
[edit protocols bgp traceoptions]  
user@host# run show log bgplog  
Sep 13 12:58:23 trace_on: Tracing to "/var/log/bgplog" started  
Sep 13 12:58:23 BGP RECV flags 0x40 code ASPath(2): <null>  
Sep 13 12:58:23 BGP RECV flags 0x40 code LocalPref(5): 100  
Sep 13 12:58:23 BGP RECV flags 0xc0 code Extended Communities(16):  
2:10458:3  
[...Output truncated...]
```

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