

# run show msdp peer

The **run show msdp peer** command displays the status information of the MSDP peers.

Note: Use this command only on MSDP peers.

## Command Syntax

**run show msdp peer** [*<peer-ip>* | **detail**]

## Parameter

| Parameter              | Description  |
|------------------------|--|
| <i>&lt;peer-ip&gt;</i> | Optional. Specifies the address of a remote MSDP peer. If this parameter is not specified, information about all the MSDP peers will be displayed.<br><br>The address is in dotted decimal notation. |
| <b>detail</b>          | Optional. Displays detail information about the status of MSDP peers.  |

## Example

- View the brief information about all the remote MSDP peers.

```
admin@Xorplus# run show msdp peer
Peer          Local      State      Uptime      SaCnt
3.3.3.3       2.2.2.2   established 06:10:45    2
```

- View the detail information about all the remote MSDP peers.

```
admin@Xorplus# run show msdp peer detail
Peer : 3.3.3.3
  Local      : 2.2.2.2
  Mesh Group : 6.6.6.6
  State      : established
  Uptime     : 06:10:52
  Keepalive Timer : 00:00:08
  Conn Retry Timer : --:--:--
  Hold Timer  : 00:00:46
  Last Reset  : -
  Conn Attempts : 22
  Established Changes : 1
  SA Count   : 2
  Statistics :
    Sent      Rcvd
  Keepalives : 371 4
  SAs        : 0 748
```

- View the detail information about a specific remote MSDP peer.

```
admin@Xorplus# run show msdp peer 3.3.3.3
```

```
Peer : 3.3.3.3
```

```
Local          : 2.2.2.2  
Mesh Group     : 6.6.6.6  
State          : established  
Uptime         : 06:11:03  
Keepalive Timer : 00:00:57  
Conn Retry Timer : --:--:--  
Hold Timer     : 00:00:35  
Last Reset     : -  
Conn Attempts  : 22  
Established Changes : 1  
SA Count       : 2  
Statistics     :
```

|              | Sent | Rcvd |
|--------------|------|------|
| Keepalives : | 372  | 4    |
| SAs :        | 0    | 748  |