

# show multicast-sessions

This chapter includes the **show multicast-sessions** command output tables.


- show multicast-sessions all, on page 2
- show multicast-sessions full all, on page 3

# show multicast-sessions all

***Table 1: show multicast-sessions all Command Output Descriptions***

| Field | Description |
|---|---|
| vvvvv | Displays service and session state information. This column provides a code consisting of three characters.<br>From left-to-right, the first character represents the **Session Type** that the subscriber is using. The possible sessopm types are:<br>• **B**: BCMCS<br>• **M**: MBMS Multicast<br>• **R**: MBMS Broadcast<br>From left-to-right, the second character represents the **Framing Type**. The possible framing types are:<br>• **H**: HDLC Like<br>• **S**: Segment Based<br>• **x**: Not Applicable<br>From left-to-right, the third character represents the **Flow Type**. The possible flow types are:<br>• **F**: Flow<br>• **P**: Program<br>• **u**: Unknown<br>From left-to-right, the fourth character represents the **Call State** of the session. The possible call states are:<br>• **C**: Connected<br>• **c**: Connecting<br>• **D**: Disconnecting<br>• **u**: Unknown<br>From left-to-right, the fifth character represents the **Link Status** of the session. The possible idle states are:<br>• **A**: Online/Active<br>• **D**: Dormant/Idle |
| CALLID | Displays the subscriber's call identification (callid) number. |

| Field | Description |
|---|---|
| FLOW ID | Displays the flow identification for multicast service session. |
| MCAST ADDR | Displays the IP address of Broadcast Multicast service center. |
| APN/PORT | Displays the APN name or port number through which the multicast services is provided. |
| PEER ADDR | Displays the IP address of Access Gateway to which the subscriber is attached. |
| TIME-IDLE | Displays the amount of time that the subscriber session has been idle either in an active or dormant state. |

# show multicast-sessions full all

***Table 2: show multicast-sessions full all Command Output Descriptions***

| Field | Description |
|---|---|
| Flow Id | Hex value indicating the Flow ID. |
| state | Indicates the status of session. The possible status are:<br>• Connected<br>• Connecting<br>• Disconnecting<br>• Unknown |
| Access Type | Indicates the access type of broadcast-multicast service. Possible values are:<br>• mbms-bearer: access through MBMS bearer context<br>• mbms-ue: access through MBMS UE context |
| Flow ID Type | Indicates the Flow ID type. |
| callid | Displays the call identification number (callid). |
| connect time | Displays the time of connection starts. |
| call duration | Specifies total duration of call session in hh:mm:ss format |
| idle time | Displays the amount of time that the multicast session has been idle either in an active or dormant state. |
| idle time left | Shows the amount of idle time left before timeout. |

| Field | Description |
|---|---|
| session time left | How much session time is left for the specified multicast session. |
| Multicast ip address | The IP address of the interface in the session. |
| peer address | The IP address of the peer in the session. |
| source context | Specifies the name of a configured source context from which the session was initiated. |
| destination context | Specifies the name of a configured destination context through which the subscribers are provided access to the packet data network. |
| output pkts | Indicates the number of packets transmitted. |
| output bytes | Indicates the number of bytes transmitted. |
| outputs pkts dropped | Indicates the number of packets that were dropped while receiving data for this multicast session. |
| pk rate to peer (bps) | The peak data rate, in bits per second, obtained for data sent from the subscriber to the network during the last sampling period. |
| pk rate to peer (pps) | The peak data rate, in packets per second, obtained for data received from the network by the subscriber during the last sampling period. |
| ave rate to peer (bps) | The average data rate, in bits per second, obtained for data received from the network by the subscriber during the last sampling period. |
| ave rate to peer (pps) | The average data rate, in packets per second, obtained for data received from the network by the subscriber during the last sampling period. |
| sust rate to peer (bps) | The mean data rate, in bits per second, obtained for data received from the network by the subscriber during the last three sampling periods. |
| sust rate to peer (pps) | The mean data rate, in packets per second, obtained for data received from the network by the subscriber during the last three sampling periods. |