



show multicast-sessions

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

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show multicast-sessions all

Table 1: show multicast-sessions all Command Output Descriptions

| Field | Description |
|--------|---|
| vvvvv | <p>Displays service and session state information. This column provides a code consisting of three characters.</p> <p>From left-to-right, the first character represents the Session Type that the subscriber is using. The possible session types are:</p> <ul style="list-style-type: none"> • B: BCMCS • M: MBMS Multicast • R: MBMS Broadcast <p>From left-to-right, the second character represents the Framing Type. The possible framing types are:</p> <ul style="list-style-type: none"> • H: HDLC Like • S: Segment Based • x: Not Applicable <p>From left-to-right, the third character represents the Flow Type. The possible flow types are:</p> <ul style="list-style-type: none"> • F: Flow • P: Program • u: Unknown <p>From left-to-right, the fourth character represents the Call State of the session. The possible call states are:</p> <ul style="list-style-type: none"> • C: Connected • c: Connecting • D: Disconnecting • u: Unknown <p>From left-to-right, the fifth character represents the Link Status of the session. The possible idle states are:</p> <ul style="list-style-type: none"> • A: Online/Active • 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: <ul style="list-style-type: none"> • Connected • Connecting • Disconnecting • Unknown |
| Access Type | Indicates the access type of broadcast-multicast service. Possible values are: <ul style="list-style-type: none"> • mbms-bearer: access through MBMS bearer context • 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. |
| 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. |

| Field | Description |
|-------------------------|--|
| 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. |