jnxRsvpSessionTable

The jnxRsvpSessionTable, whose object identifier is {jnxRsvpOperation 1}, contains information about RSVP sessions. Each jnxRsvpSessionEntry (object identifier {jnxRsvpSessionTable 1}) is identified using a combination of two indexes, jnxRsvpSessionName and jnxRsvpSessionIndex. The jnxRsvpSessionName maps to the LSP name in MPLS entry, and can be used to correlate the jnxRsvpSessionEntry with mplsLspEntry. Because there can be multiple entries with the same RSVP session name, a secondary index, jnxRsvpSessionIndex, is used to uniquely identify each session in combination with the jnxRsvpSessionName.

Each jnxRsvpSessionEntry contains the objects listed in Table 1.

Table 1: jnxRsvpSessionTable

Object	Object ID	Description
jnxRsvpSessionName	jnxRsvpSessionEntry 1	Contains the name of the RSVP session. This is the same as the LSP name in the mplsLspEntry and can contain up to 64 characters.
jnxRsvpSessionIndex	jnxRsvpSessionEntry 2	Uniquely identifies an RSVP session entry in combination with the jnxRsvpSessionName.
jnxRsvpSessionState	jnxRsvpSessionEntry 3	Shows the operational state of the RSVP session. This object contains one of the following integer values: ■ 1–Up ■ 2–Down
jnxRsvpSessionFrom	jnxRsvpSessionEntry 4	Contains the source IP address of the RSVP session.
jnxRsvpSessionTo	jnxRsvpSessionEntry 5	Contains the destination IP address of the RSVP session.
jnxRsvpSessionLspId	jnxRsvpSessionEntry 6	Contains the LSP ID of the sender for the RSVP session.
jnxRsvpSessionTunnelId	jnxRsvpSessionEntry 7	Contains the tunnel ID for the RSVP session.
jnxRsvpSessionPathType	jnxRsvpSessionEntry 8	Denotes the type of the path for the RSVP session. This object uses the following integer values to denote the path type: ■ 1–Primary ■ 2–Secondary ■ 3–unknown
jnxRsvpSessionRole	jnxRsvpSessionEntry 9	Shows the role of an RSVP session with respect to the start and end points of the session. This object uses the following integer values to represent the role of the RSVP session: ■ 1–Ingress (source) ■ 2–Transit (intermediate nodes) ■ 3–Egress (destination)

Table 1: jnxRsvpSessionTable *(continued)*

Object	Object ID	Description
jnxRsvpSessionDiscontinuityTime	jnxRsvpSessionEntry 10	Shows the value of sysUpTime when either jnxRsvpSessionMplsOctets or jnxRsvpSessionMplsPackets counters experienced discontinuity. This object contains a zero value if no discontinuity occurred since the last initialization of the local management subsystem.
jnxRsvpSessionMplsOctets	jnxRsvpSessionEntry 11	Contains the number of MPLS octets that have been forwarded over the RSVP session. Because the MPLS statistics collection occurs at predefined intervals (default of 5 minutes), the value of this object may not reflect real-time statistics. This object is not updated if MPLS statistics collection is not enabled.
jnxRsvpSessionMplsPackets	jnxRsvpSessionEntry 12	Shows the number of MPLS packets that have been forwarded over the RSVP session. Because the MPLS statistics collection occurs at predefined intervals (default of 5 minutes), the value of this object may not reflect real-time statistics. This object is not updated if MPLS statistics collection is not enabled.

Related Topics ■ RSVP MIB

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