RSVP Management Controls

Dials and Knobs

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Objectives for Router Management

- Configuration
- View current “soft state”
- Peek ‘n Poke
- Apply Alternate Realities

Configuration - List of neighbors

- What RSVP neighbors have we discovered?
- What tunnels are configured?

Configuration - Process Attributes

- turn it on/off
- teardown timeout
- inter-update interval
- thresholds

Configuration - Attributes of interfaces

- turn it on/off
- amount of bandwidth that may be reserved
- amount currently reserved
- high water mark - how much has ever been reserved?

View current “soft state”

- filter specifications
- flow specifications
- effects on router queueing
- how long they’ve been around

Determine what

- …rate changes are occuring at
- …RESV Messages are being received
- …RESV Messages are being sent
- …PATH Messages are being received
- …PATH Messages are being sent
- …effect these are having
- …error messages have been recently seen

Configuration - Policy

- static reservations
- reservations to always refuse
- thresholds