Cisco Resource Reservation Protocol Agent

The Cisco RSVP Agent feature enables the call admission control (CAC) mechanism based on the Resource Reservation Protocol (RSVP), which is applicable to any network topology and which eases the restriction of a traditional hub-and-spoke topology.

Finding Feature Information

Your software release may not support all the features documented in this module. For the latest caveats and feature information, see Bug Search Tool and the release notes for your platform and software release. To find information about the features documented in this module, and to see a list of the releases in which each feature is supported, see the feature information table at the end of this module.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to www.cisco.com/go/cfn. An account on Cisco.com is not required.

Prerequisites for Cisco Resource Reservation Protocol Agent

Cisco Unified Border Element

- Cisco IOS Release 12.4(4)T or a later release must be installed and running on your Cisco Unified Border Element.

Cisco Unified Border Element (Enterprise)

- Cisco IOS XE Release 3.3S or a later release must be installed and running on your Cisco ASR 1000 Series Router.

Cisco Unified Border Element (Enterprise) Protocol-Independent Features and Setup Configuration Guide, Cisco IOS XE Release 3S (Cisco ASR 1000)

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Configuring Cisco Resource Reservation Protocol Agent

To enable this feature, see the " Unified CM RSVP-Enabled Locations " section in the " Call Admission Control" chapter of the Cisco Unified Communications SRND Based on Cisco Unified Communications Manager 7.x Guide at the following URL:

http://www.cisco.com/en/US/docs/voice_ip_comm/cucm/srnd/7x/cac.html#wp1043949

Detailed command information for the **dspfarm profile**, **ip rsvp bandwidth**, **maximum sessions**, **switchover method immediate**, **switchback method guard timeout**, and **timer receiver-rtp**commands are located in the Cisco IOS Voice Command Reference

Feature Information for Cisco Resource Reservation Protocol Agent

The following table provides release information about the feature or features described in this module. This table lists only the software release that introduced support for a given feature in a given software release train. Unless noted otherwise, subsequent releases of that software release train also support that feature.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to www.cisco.com/go/cfn. An account on Cisco.com is not required.

Table 1: Feature Information for Cisco RSVP Agent

Feature Name	Releases	Feature Information
Cisco Resource Reservation Protocol (RSVP) Agent	12.4(4)T	Enables the CAC mechanism based on the RSVP agent. The following commands were introduced or modified: **dspfarm profile**, **ip rsvp bandwidth**, **maximum sessions**, **switchover method immediate**, **switchback method guard timeout**, and **timer receiver-rtp**.
Cisco Resource Reservation Protocol (RSVP) Agent	Cisco IOS XE Release 3.3S	Enables the CAC mechanism based on the RSVP agent. The following commands were introduced or modified: **dspfarm profile**, **ip rsvp bandwidth**, **maximum sessions**, **switchover method**, and **timer receiver-rtp**.

Cisco Unified Border Element (Enterprise) Protocol-Independent Features and Setup Configuration Guide,
Cisco IOS XE Release 3S (Cisco ASR 1000)

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