

# RTCP

## About

RTP Control Protocol

## Introduction

RTCP - [RTP Control Protocol](#) - provides out-of-band statistics and control information for an RTP session. Only the Sender Report (SR) messages are sent by FreeSWITCH.

## Discussion

RTCP can be configured on a per-session basis or for the entire SIP profile. Its transmission intervals can be set from between 100 ms to 5000 ms.

## Per Session

Use the `rtcp_audio_interval_msec` and `rtcp_video_interval_msec` channel variables.

```
<!-- enables rtcp to be sent every 5 secs
--- Include this line in the dialplan before you bridge
--- Be aware that there is resource overhead. So stress
--- test before you deploy      -->

<action application="set" data="rtcp_audio_interval_msec=5000"/>
```

## Entire Profile

Set these params in the SIP profile:

```
<!-- enable rtcp on every channel also can be done per leg basis
      with rtcp_audio_interval_msec variable set to passthru to pass
      it across a call -->
<param name="rtcp-audio-interval-msec" value="5000"/>
<param name="rtcp-video-interval-msec" value="5000"/>
```

## See Also

- [Sofia-SIP](#)