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# Web Real-Time Communications

Web Real-Time Communications Options Reference

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Welcome to the Options Reference for Web Real-Time Communications. This document provides full information about all the configuration options that are set on the Web Real-Time Communications application object and in Web Real-Time Communications-related configuration sections on other objects, such as DNs.

## Important

This content is under development and might not be comprehensive or completely up to date. Refer to [Configuration Options](#) in the *Deployment Guide* for additional information.

## Web Real-Time Communications Gateway

Options for this component are contained in the following configuration sections:

- [ems](#)
- [log](#)
- [rsmp](#)
- [snmp](#)

## Tip

In the summary table(s) below, type in the Search box to quickly find options, configuration sections, or other values, and/or click a column name to sort the table. Click an option name to link to a full description of the option. Be aware that the default and valid values are the values in effect with the latest release of the software and may have changed since the release you have; refer to the full description of the option to see information for earlier releases.

**Power users:** [Download a CSV file](#) containing default and valid values and descriptions.

The following options are configured at the application level (in other words, on the application

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object).

Section	Option	Default	Changes Take Effect
ems	logconfig.MFSINK	* * *	immediately
ems	metricsconfig.MFSINK	*	immediately
log	all	../logs/rsmplog	immediately
log	check-point	1	immediately
log	compatible-output-priority	false	immediately
log	debug	../logs/rsmplog	immediately
log	expire	20	immediately
log	interaction	../logs/rsmplog	immediately
log	keep-startup-file	false	After restart
log	memory		immediately
log	messagefile		Immediately, if an application cannot find its *.lms file at startup
log	message_format	short	immediately
log	print-attributes	false	immediately
log	segment	10000	immediately
log	spool		immediately
log	standard	../logs/rsmplog	immediately
log	time_convert	local	immediately
log	time_format	time	immediately
log	trace	../logs/rsmplog	immediately
log	verbose	debug	immediately
rsmp	allow-anonymous-user	true	At start or restart
rsmp	allow-ipv6	false	At start or restart
rsmp	codecs	(pcmu,pcma,opus,g729,telephone-event=126,vp8=100,h264=(pt=108,fmt="profile-level-id=42000B;packetization-mode=1"))	At start or restart
rsmp	domain-whitelist		At start or restart
rsmp	enable-https	false	At start or restart
rsmp	enable-transcoding	false	At start or restart
rsmp	http-port	8086	At start or restart
rsmp	http-trace	false	At start or restart
rsmp	https-cert		At start or restart
rsmp	https-cert-key		At start or restart
Section	Option	Default	Changes Take Effect

Section	Option	Default	Changes Take Effect
rsmp	https-trusted-ca		At start or restart
rsmp	reporting-service-type	WebRTC	At start or restart
rsmp	rtp-address		At start or restart
rsmp	rtp-trace-level	1	At start or restart
rsmp	sip-added-codecs	(vp8,h264)	At start or restart
rsmp	sip-address		At start or restart
rsmp	sip-disallowed-codecs		At start or restart
rsmp	sip-no-avpf	true	At start or restart
rsmp	sip-no-rtcpfb	false	At start or restart
rsmp	sip-port	5066	At start or restart
rsmp	sip-preferred-ipversion	ipv4	At start or restart
rsmp	sip-proxy	127.0.0.1	At start or restart
rsmp	sip-register		At start or restart
rsmp	sip-rtp-max-port	9999	At start or restart
rsmp	sip-rtp-min-port	9000	At start or restart
rsmp	sip-srtp-mode	none	At start or restart
rsmp	sip-tls-cert		At start or restart
rsmp	sip-tls-cert-key		At start or restart
rsmp	sip-tls-port	0	At start or restart
rsmp	sip-tls-trusted-ca		At start or restart
rsmp	stun-server		At start or restart
rsmp	turn-passwd		At start or restart
rsmp	turn-relay-type	0	At start or restart
rsmp	turn-server		At start or restart
rsmp	turn-user		At start or restart
rsmp	web-added-codecs	(pcmu,vp8)	At start or restart
rsmp	web-disallowed-codecs		At start or restart
rsmp	web-dtls-certificate	../config/x509_certificate.pem	At start or restart
rsmp	web-dtls-cipherlist		At start or restart
rsmp	web-dtls-keypassword		At start or restart
rsmp	web-dtls-privatekey		At start or restart
rsmp	web-enable-dtls	true	At start or restart
rsmp	web-ice-addresses		At start or restart
rsmp	web-media-bundle	true	At start or restart
rsmp	web-nack-enabled	true	At start or restart
rsmp	web-pli-always	true	At start or restart
Section	Option	Default	Changes Take Effect

Section	Option	Default	Changes Take Effect
rsmp	web-pli-mintime	1000	At start or restart
rsmp	web-rtcp-mux	true	At start or restart
rsmp	web-rtp-max-port	36999	At start or restart
rsmp	web-rtp-min-port	36000	At start or restart
snmp	timeout	100	At start or restart
Section	Option	Default	Changes Take Effect