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Web Real-Time Communications Deployment Guide

Ports and Protocols

12/19/2025

Ports and Protocols

Important

All of the following default port values can be changed using configuration options.

Source Protocol(s)	Destination	Default Port(s)	Transport
Browser	WebRTC Gateway	8086 *	TCP/TLS (HTTP or HTTPS)
Browser	TURN Server	443	TCP, UDP (TURN)
TURN Server or Browser	WebRTC Gateway	36000-36999	UDP (DTLS, SRTP)
WebRTC Gateway	TURN Server	49152-65535	UDP (DTLS, SRTP)
SIP Server	WebRTC Gateway	5066	TCP, UDP (SIP, SIPS)
WebRTC Gateway	SIP Server	5060	TCP, UDP (SIP, SIPS)
WebRTC Gateway	SIP Endpoint	9000-9999	UDP (RTP, SRTP)
SIP Endpoint	WebRTC Gateway	9000-9999	UDP (RTP, SRTP)
MCP	WebRTC Gateway	9000-9999	UDP (RTP, SRTP)
WebRTC Gateway	MCP	20000-45000	UDP (RTP, SRTP)
WebRTC Gateway	Config Server	2020	TCP
* Port 443 is recommended for HTTPS			