

WebRTC-CDN Whitelist Guide

Protocols & Ports

Protocol	Port(s)	Description
STUN/TURN over UDP/TCP	3478	TURN traffic between client and Subspace
STUN/TURN over TLS	443	TURN traffic between client and Subspace
UDP	1025-65535	UDP traffic between Subspace and server/peer

IP Ranges

For a complete list of Subspace IP ranges, please check [here](#).

IPV4:

- 129.203.0.0/16
- 139.177.96.0/20
- 143.131.160.0/19
- 151.106.160.0/19
- 158.247.96.0/19
- 170.52.0.0/21

IPV6*:

- 2600:3700::/28
- 2620:12d:b000::/44

*IPv6 is currently not supported.

UDP Media Port Range

When an application's WebRTC sessions connect from **Browser** ↔ **Subspace WebRTC-CDN** ↔ **SFU/Media server** then UDP media port range 1025 to 65535 must be allowed on the SFU/Media server.

- UDP port range 1025 to 65535 must be allowed inside the network where SFUs are connected.
- Clients will need to allow UDP/3478 on their network or firewall.

P2P WebRTC Sessions:

When peer-to-peer (P2P) WebRTC sessions connect from **Peer1** ↔ **WebRTC-CDN** ↔ **Peer2** and...

- If one peer (not using WebRTC-CDN) has a local restricted network connection (and the application is experiencing issues, connection errors, or is rejected), it is recommended to allow all Subspace IPs, ports, and UDP media port range 1025 to 65535.
- If both peers use WebRTC-CDN, then enabling UDP media port range 1025 - 65535 is unnecessary. However, if the local connection is restricted, you need to allow the Subspace IPs and ports.

Subspace IP ranges will expand over time; check [here](#) for the latest list and contact support@subspace.com if you have any issues or questions.