

We have developed resources to help you through this challenging time. Click [here](#) to learn more.

Note: We are experiencing longer wait times than normal due to increased demand. You can still view answers to frequently asked questions or [contact us](#), but wait times may be longer than expected. Thank you for your patience.

Zoom Help Center > Account & Admin > Network and Firewall

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- Mass Installation and Configuration for Windows
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Network Firewall or Proxy Server Settings for Zoom

Network Firewall or Web Security Gateway

If your app stays in a "connecting" mode or timed out due to "Network error, please try again" or "Can't connect to our service, please check your network connection and try again" – it could be related to your network connection, network firewall settings or web security gateway settings.

Note: Check your network connection by opening a browser and ensure that you can access <https://zoom.us>

To configure your network firewall, please see the following table:

Protocol	Ports	Source	Destination
TCP	80,443	All Zoom Clients	*.zoom.us
			IPv4: 3.7.35.0/25 3.21.137.128/25 3.22.11.0/24 3.25.41.128/25 3.25.42.0/25 3.80.20.128/25 3.101.32.128/25 3.101.52.0/25 3.104.34.128/25 3.120.121.0/25 3.127.194.128/25 3.208.72.0/25 3.211.241.0/25 3.235.69.0/25 3.235.82.0/23 3.235.71.128/25 3.235.72.128/25 3.235.73.0/25 3.235.96.0/23 4.34.125.128/25 4.35.64.128/25 8.5.128.0/23 13.52.6.128/25 13.52.146.0/25 13.114.106.166/32 18.205.93.128/25 50.239.202.0/23 50.239.204.0/24 52.61.100.128/25 52.81.151.128/25 52.197.97.21/32 52.202.62.192/26 52.215.168.0/25 64.69.74.0/24 64.125.62.0/24 64.211.144.0/24 65.39.152.0/24 69.174.57.0/24 69.174.108.0/22 99.79.20.0/25 103.122.166.0/23 109.94.160.0/22 109.244.18.0/25 109.244.19.0/24 115.110.154.192/26 115.114.56.192/26 115.114.115.0/26 115.114.131.0/26 120.29.148.0/24 147.124.96.0/19 160.1.56.128/25 161.199.136.0/22 162.12.232.0/22 162.255.36.0/22 165.254.88.0/23 173.231.80.0/20 192.204.12.0/22 202.177.207.128/27 202.177.213.96/27 204.80.104.0/21 204.141.28.0/22 207.226.132.0/24 209.9.211.0/24 209.9.215.0/24 210.57.55.0/24 213.19.144.0/24 213.19.153.0/24 213.244.140.0/24 221.122.88.64/27 221.122.88.128/25 221.122.89.128/25 221.123.139.192/27 IPv6: 2620:123:2000::/40
TCP	443, 8801, 8802	All Zoom Clients	
UDP	3478, 3479, 8801 – 8810	All Zoom Clients	

Connection Type: Zoom Phone

Protocol	Ports	Source	Destination
TCP	5090, 5091	All Zoom Clients	8.5.128.0/24 64.211.144.0/24 103.122.166.0/23 109.94.160.0/22 120.29.148.0/24 147.124.96.0/19 192.204.12.0/22 209.9.215.0/24 213.19.153.0/24
UDP	5090	All Zoom Clients	8.5.128.0/24 64.211.144.0/24 103.122.166.0/23 109.94.160.0/22 120.29.148.0/24 147.124.96.0/19 192.204.12.0/22 209.9.215.0/24 213.19.153.0/24
UDP	20000–64000	All Zoom Clients	64.211.144.0/24 103.122.166.0/23 147.124.96.0/19 162.12.232.0/22 207.226.132.0/24 209.9.211.0/24 213.19.144.0/24 213.244.140.0/24

Connection Type: Zoom Website

Protocol	Ports	Source	Destination
TCP	80, 443	All Zoom Clients	*.zoom.us *.cloudfront.net

Proxy Server

We support [Https/SSL](#) proxy server via port 443.

Zoom automatically detects your proxy settings. In some instances, you may be prompted to enter the proxy username/password.

Note: We recommend whitelisting [zoom.us](#) and [*.zoom.us](#) from proxy or SSL inspection.

Note: IP ranges to be whitelisted can also be found at the following:

- Zoom
- Zoom Meetings
- Zoom Cloud Room Connector
- Zoom Phone

For Meeting Connector and Others

- Firewall settings for Meeting Connector
- Firewall settings for Cloud Room Connector
- Firewall settings for Virtual Room Connector

Please submit a ticket if you have further questions.

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- Phone (iOS) App
- Android App

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