



Optimal Firewall Configuration

This fact sheet covers firewall configuration regarding ClickMeeting and ClickWebinar services and future product deployments involving our servers.

1. ClickMeeting has an outbound service ports configured for each end every user. Outbound connection may be established through **TCP ports 1935, 80 or 443**. For systems with restricted environments we provide **TCP 1935 port available for RTMP protocol**, that also works for outbound connections. ClickMeeting services are not configured to listen or require any inbound connections. For optimal use we recommend outbound configurations via TCP ports mentioned above that are 1935, 80 and 443.
2. TCP ports 1935, 443 or 80 are fully configured for outbound connections with **integrated VoIP** and **Webcam Video**.
3. For best performance, and to avoid blocking or latency we recommend to verify the below IP ranges and **specify an exception in your firewall system** configuration to exclude them from content or application data scanning filters.
4. Should your security policies require exact specification of distinct IP ranges, we encourage you to limit firewall configuration to TCP port 1935, 80 or 443 on RTMP protocol destined for below listed ClickMeeting IP ranges.

Important notice: Unless absolutely necessary we do not recommend to configure your firewall based on steps 3 and 4 as IP ranges need to be occasionally audited and monitored, implementing further maintenance to your network. These changes are not occurring very often, however they may be indispensable to constantly provide stable and the best performance of ClickMeeting services.

For most recent information please make sure that you are reviewing the latest version of this document. The most current version may always be found in our [Knowledge Base](#).

Last update: January 18, 2019

Assigned by localization	CIDR Notation
Block 1 US Pennsylvania	108.59.10.130/32 108.59.14.65/32
Block 2 Asia Singapore	209.58.173.144/32 209.58.173.173/32
Block 3 Australia Sydney	10.240.0.241/32
Block 4 Brasil Sao Paulo	177.54.148.26/32
Block 5 Europe Netherlands	212.32.227.156/32 212.32.251.173/32 37.48.101.19/32 37.48.83.11/32 37.48.83.18/32 37.48.86.207/32 5.79.123.5/32 5.79.80.194/32 5.79.80.195/32 85.17.235.22/32 85.17.235.24/32 85.17.78.103/32 95.211.168.162/32 95.211.96.133/32 95.211.96.149/32 95.211.96.152/32 95.211.96.158/32 95.211.96.178/32

Assigned by localization	CIDR Notation
Block 6 US Washington	10.51.1.3/32
	10.51.1.4/32
	108.59.10.130/32
	108.59.14.65/32
	162.210.194.12/32
	162.210.194.13/32
	162.210.194.14/32
	162.210.194.15/32
	162.210.194.16/32
	162.210.194.17/32
	162.210.194.18/32
	162.210.194.19/32
	162.210.194.2/32
	162.210.194.20/32
	162.210.197.1/32
	162.210.197.149/32
	162.210.197.150/32
	162.210.197.151/32
	162.210.197.152/32
	162.210.197.153/32
	162.210.197.154/32
	162.210.197.155/32
	162.210.197.156/32
	162.210.197.157/32
	162.210.197.158/32
	199.115.114.41/32
	199.115.115.14/32
	199.58.85.133/32
	199.58.85.135/32
	207.244.98.38/32
207.244.98.39/32	
207.244.98.40/32	
207.244.98.41/32	
207.244.98.43/32	
207.244.98.47/32	

Assigned by localization	CIDR Notation
Block 7 US San Francisco	209.58.131.14/32
Block 8 US Dallas	209.58.144.101/32
Block 9 Europe Russia	87.245.170.38/32 87.245.170.42/32 87.245.170.50/32 87.245.170.54/32
Block 10 Europe Germany	178.162.204.129/32 178.162.204.157/32 178.162.215.17/32 217.20.113.141/32 46.165.221.1/32 46.165.221.4/32 46.165.221.5/32 46.165.246.163/32 46.165.246.165/32 46.165.246.167/32 84.16.232.141/32 84.16.232.142/32 84.16.232.143/32 84.16.232.144/32 84.16.232.145/32 84.16.232.146/32 84.16.241.103/32 84.16.241.107/32 84.16.241.117/32

Additional information and support

ClickMeeting service is a cloud based technology hosted on a very secure infrastructure. For more information please refer to the ClickMeeting Infrastructure Reliability Fact Sheet available [here](#).

If you meet any problems with configuration or the service itself, we provide five star support that you may always contact at support@clickmeeting.com.

Apart from standard configuration and setups we also provide **dedicated services** that may be fully customized to your needs. Should you have any inquiries regarding the dedicated solutions please contact our Sales Team at sales@clickmeeting.com.