



Firewall and Port provisioning for Global Arena's Telephonic and Video Remote Interpreting platform

Outbound configurations that will get Web and Mobile calls working right from the beginning:

- Outbound TCP ports 443 and 10194
- Outbound UDP globally

Networks where a higher level of security is required.

Video (Signaling)

54.172.60.0 - 54.172.61.255 (TCP port 443)

34.203.250.0 - 34.203.251.255 (TCP port 443)

Video (media servers)

34.203.254.0 - 34.203.254.255 (UDP ports 3478 and 10,000 - 60,000)

54.172.60.0 - 54.172.61.255 (UDP ports 3478 and 10,000 - 60,000)

34.203.250.0 - 34.203.251.255 (UDP ports 3478 and 10,000 - 60,000)

34.216.110.128 - 34.216.110.159 (UDP ports 3478 and 10,000 - 60,000)

54.244.51.0 - 54.244.51.255 (UDP ports 3478 and 10,000 - 60,000)

Video (additional)

sdkgw.us1.twilio.com (TCP port 443) ecs.us1.twilio.com (TCP port 443)

Voice (mobile apps)

chunderm.gll.twilio.com (TCP port 10194 - IPs can change) chunderm.us1.twilio.com (TCP port 10194 - IPs can change) UPDATE - outbound for ALL IPs TCP port 10194

54.172.60.0 - 54.172.61.255 (UDP ports 3478 and 10,000 - 20,000)

34.203.250.0 - 34.203.251.255 (UDP ports 3478 and 10,000 - 20,000)

Voice (WebRTC, US)

chunderw-gll.twilio.com (TCP port 443) chunderw-vpc-gll.twilio.com (TCP port 443) chunderw-vpc-gll-us1.twilio.com (TCP port 443)

54.172.60.0 - 54.172.61.255 (UDP ports 3478 and 10,000 - 20,000) - same as mobile voice

34.203.250.0 - 34.203.251.255 (UDP ports 3478 and 10,000 - 20,000) - same as mobile voice

For the Boostlingo Server's load balancer – Please consider this as a critical requirement

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app.boostlingo.com (TCP port 443) currently

- 54.187.172.190

- 52.39.36.228

Calls may potentially fail if the CDN for some static images is blocked

d3b9k3gd90kchk.cloudfront.net (TCP port 443)

IP addresses for this will vary depending on region

Full list can be found here: <http://d7uri8nf7uskq.cloudfront.net/tools/list-cloudfront-ips>

Mobile Apps may « spin » on load if the below are blocked. However, calls should still function.

onesignal.com (TCP port 443) currently

- 104.16.204.165

- 104.16.205.165

- 104.16.206.165

- 104.16.207.165

- 104.16.208.165

Some additional mobile needs to take into consideration :

api.appcenter.ms (TCP port 443) (possibly *.appcenter.ms) IP addresses are subject to change

If you have any questions or concerns, please direct them to interpreting@globalarena.com or 215.735.1055 and select the Interpreting Department.