Networking Requirements

WebRTC Virtual Classroom PLatform

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# Ports

The WizIQ WebRTC Virtual Classroom can operate over various types of firewall configurations. However, they may have different levels of quality of experience.

## Minimal configuration

|  |  |
| --- | --- |
| 443/TCP | Some firewall/proxy rules only allow for SSL traffic over port 443. You will need to make sure that non-web traffic can also pass over this port. |

*Note, that this minimal configuration, while it will work, but would not provide an optimal video quality.*

## Better Experience

|  |  |
| --- | --- |
| 443/TCP | Pure SSL traffic |
| 3478/UDP | Media |

## Best Experience

|  |  |
| --- | --- |
| 443/TCP | Pure SSL traffic |
| 1025 - 65535/UDP | Media |

## Testing Connectivity

You can test if a network meets the connectivity requirements by using the OpenTok Connectivity Doctor: <http://www.tokbox.com/tools/connectivity/> (you must use Chrome). There is also a Connectivity Doctor app in the [Apple App Store](https://itunes.apple.com/us/app/opentok-connectivity-doctor/id902048239?mt=8) as well as the [Google Play Store](https://play.google.com/store/apps/details?id=com.tokbox.connectivitydoctor&hl=en).

# URLS

The following URLs are required to be whitelisted for the application to run correctly:

|  |  |
| --- | --- |
| \*.wiziq.com | Application |
| view-api.box.com | Application |
| \*.amazonaws.com | Application |
| static.opentok.com | Media |
| enterprise.opentok.com | Media |
| api.opentok.com | Media |
| anvil.opentok.com | Media |
| \*.tokbox.com | Media |