

Horizon with Webex - Network Configuration Guide

Horizon with Webex utilises separate SBCs and API gateways. The Webex client apps also require access to Cisco Webex services as detailed below.

Gamma Services:

IP Address Range	Protocols and Ports	Function
151.2.128.0/19	TCP 443	HTTPS APIs
151.2.128.0/19 138.248.17.0/24 138.248.19.128/25	TCP 5082, UDP 10000 - 60000	SIPS signalling, SRTP media

If DNS based filtering is used, then access to the below domains should be allowed:

Domain	Function
*. pub.uhorizon.cloud	Gamma cloud services

SBC Discovery:

DNS SRV records are used to provide high-availability service for Webex client applications. DNS SRV records resolve to two or more DNS A-records, which in turn resolve to IP addresses of Horizon Access SBCs.

In the domain names below each X refers to any digit.

Domain Name	Record Type	Service Name	Protocol	Port
wasXXhjXX.pub.uhorizon.cloud Example: _sips._tcp.was03hj01.pub.uhorizon.cloud	SRV	sips	UDP	5082
wasXXjhXX.pub.uhorizon.cloud Example: _sips._tcp.was03jh01.pub.uhorizon.cloud	SRV	sips	UDP	5082
wasXXptXX.pub.uhorizon.cloud Example: _sips._tcp.was04pt01.pub.uhorizon.cloud	SRV	sips	UDP	5082
wasXXtpXX.pub.uhorizon.cloud Example: _sips._tcp.was04tp01.pub.uhorizon.cloud	SRV	sips	UDP	5082

Webex Services:

Destination	Protocols and Ports	Function
See "Webex Service Domains" below	TCP 443	HTTPS signalling and APIs
See "Webex Media Services" below	UDP 5004 & 9000	SRTP media
Any	UDP 123	NTP, not required if NTP available within customer network
Any	UDP 53 TCP 53	DNS, not required if DNS available within customer network

Webex Service Domains:

Domain / URL	Function
*.webex.com *.cisco.com *.wbx2.com *.ciscospark.com *.webexapis.com	Webex micro-services
*.webexcontent.com	Webex user content storage
*.accompany.com	People Insights Integration
*.sparkpostmail1.com *.sparkpostmail.com	E-mail service
*.giphy.com	GIF image sharing
safebrowsing.googleapis.com	URL safety checking
msftncsi.com/ncsi.txt captive.apple.com/hotspot-detect.html	Internet connectivity checking
*.appdynamics.com *.eum-appdynamics.com	Performance tracking
*.amplitude.com	Testing metrics
*.slido.com *.sli.do *.data.logentries.com slido-assets-production.s3.eu-west-1.amazonaws.com	Slido add-in
*.quovadisglobal.com *.digicert.com *.godaddy.com *.identrust.com *.lencr.org *.intel.com	Certificate revocation lists
*.google.com *.googleapis.com	Notifications to mobile apps
cdnjs.cloudflare.com cdn.jsdelivr.net static2.sharepointonline.com appsforoffice.microsoft.com	Webex Scheduler for Microsoft Outlook

Webex Media Services:

IP Address Range	Function
66.114.160.0/20 66.163.32.0/19 69.26.160.0/19 114.29.192.0/19 144.196.0.0/16 150.253.128.0/17 163.129.0.0/16 170.72.0.0/16 170.133.128.0/18 173.39.224.0/19 23.89.0.0/16 173.243.0.0/20 207.182.160.0/19 44.234.52.192/26 209.197.192.0/19 210.4.192.0/20 62.109.192.0/18 216.151.128.0/19 64.68.96.0/19	Webex meetings media

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