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Ports used by Wildix services

 Make sure that these ports are open on your router / firewall in order to be able to access and use different Wildix services.

It is recommended to open incoming custom secure port or default 443 from outside on PBX.

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Permalink: <https://confluence.wildix.com/x/MwOIAQ>

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Cloud PBX

Outgoing ports:

- Outgoing traffic towards Cloud PBX is not limited: any port from 1-65536 range

Incoming ports:

- tcp:80 HTTP
- tcp: 443 HTTPS
- udp: 1194, 1028 N2N
- tcp: 389 LDAP
- all types ICMP
- tcp: 5060-5061 SIP
- udp: 5060 SIP
- udp: 10000-59999 RTP
- udp: 123 NTP
- tcp: 5222-5223, 5269, 5280 ejabberd
- tcp: 7008 smsd
- tcp/ udp: 3478 turn
- tcp: 4222 gnats
- tcp: 10050 zabbix
- tcp/ udp: 514 rsyslog

Virtualization

- Check the document [List of ports and services for Virtual PBX](#)

License activation / check

Access to external servers:

- wmp.wildix.com

Port:

- outgoing tcp:443
- incoming: tcp:443 or custom secure port

Upgrade

Access to external servers:

- wmp.wildix.com

Port:

- outgoing tcp:443
- incoming: tcp:443 or custom secure port

Remote support

Access to external servers:

- vpn3.wildix.com - used by WMS-3.xx PBXs
- vpn4.wildix.com - used by WMS-4.xx PBXs

Port:

- outgoing tcp:443
- incoming: tcp:443 or custom secure port

Rsyslog

Access to external servers:

- pbxlogging4-03.wildix.com - used by WMS 4.0 PBXs
- pbxlogging5-02.wildix.com - used by WMS 5.0 PBXs

Port:

- incoming: udp:514

SIP Trunks registration

Outgoing:

- 5060 UDP or another custom port specified in trunk settings

Devices sync with portal

Access to external servers:

- api.wildix.com

Port:

- outgoing: tcp:443
- incoming: tcp:443 or custom secure port

Remote provisioning of devices

Incoming:

- 443 TCP (default) or another external secure port (SIP-RTP page in WMS Settings -> PBX (VM and HW PBXs));
- 5060 UDP – 5061 TCP for SIP registration
- RTP: from 10000 to 15000 (SIP-RTP page)

Check open ports

Access to external servers:

- api.wildix.com

Port:

- outgoing: tcp:443
- incoming: tcp:443 or custom secure port

Check External IP

Access to external servers:

- checkip.wildix.com

Port:

- outgoing: tcp:443, tcp:80

WMS network

- Enable the port 443 TCP (or another custom secure port) and 1194 UDP on the side of the Server PBX

Access to WMS network nodes between PBXes.

Port:

- incoming: udp 1194

Access to external servers:

- turn.wildix.com (to find a PBX public IP address for WMS Network correct functioning)

Multicast paging uses

- IP 224.0.0.1 or IP 239.1.1.10 (2N support)
- Ports 9000-9009

SMS sending with remote GSM gateway

- Open the incoming port 7008 TCP on the side of the PBX

WIService

(Wildix Integration Service, used by CDR-View, Screen Sharing, Fax printer, Click2call from Windows, Popup App and other Wildix applications):

- Make sure that FQDN "wildixintegration.eu" is correctly resolved with the IP: 127.0.0.1 by your DNS (on the user PC or on the router side)

Contact look up during incoming/outgoing calls

Access to external servers:

- namelookup.wildix.com

Port:

- outgoing: tcp:443

Collaboration and Web Phone

- 443 TCP (default) or another external secure port (SIP-RTP page in WMS Settings -> PBX (VM and HW PBXs);
- RTP: from 10000 to 15000 (SIP-RTP page)

Cloud-stored group chats

Access to external servers:

- chats1.meet.wildix.com
- chats2.meet.wildix.com

Port:

- outgoing: tcp:5269 or another external secure port (SIP-RTP page in WMS Settings -> PBX (VM and HW PBXs))
- incoming: tcp:443 or custom secure port

Geolocation services

- Maps in Collaboration are available only via *.wildixin.com domain

File / image sharing

Access to external servers(both PBX and Client):

- Auth.wildix.com
- fs.wildix.com

Port:

- outgoing: tcp:443

Screen sharing

Access to external servers (both PBX and Client):

- vnc.wildix.com
- kite.wildix.com

Port:

- outgoing: tcp:443

iOS/Android

- SIP: 443/TLS
- XMPP: 443 TCP
- Configuration: 443 TCP
- Custom secure port (SIP-RTP page in WMS Settings -> PBX (VM and HW PBXs)): add manually on the app login page: Account > Domain, example: pbx.wildixin.com:443 (for iOS works only with public IP)
- RTP: from 10000 to 15000 (SIP-RTP page)
- For push notifications: 443 TLS to push.wildix.com; PBX must be connected to the internet and be able to communicate with push.wildix.com server
 - Android: a direct, unproxied connection to the Google Cloud Messaging server on these ports: TCP 5228; TCP 5229; TCP 5230 and TCP 443
 - iOS: a direct, unproxied connection to the Apple Push Notification servers from smartphone is necessary on ports TCP 5223; TCP 2195; TCP 2196; TCP 443
- Important: use a transparent port forwarding scheme between the external port on the firewall and the external custom secure port on the PBX, example: 4443 – 4443

Vision

Access to external server for upgrade of firmware/ applications:

- firmwares.wildix.com

WebRTC Kite service

Access to external servers:

- kite.wildix.com
- ws2sip.wildix.com

Port:

- outgoing: tcp:443, tcp:5061, udp:10000-15000
- incoming: tcp:443 or custom secure port, udp:10000-15000

WebRTC Wizyconf videoconference

Access to external servers (both PBX and Client):

- conference.wildix.com
- videobridge.wildix.com
- videobridge-usa.wildix.com
- videobridge-de.wildix.com
- File / image sharing
- Kite (sip calls)

Port:

- outgoing: tcp:443, udp: 10000-15000
- incoming: tcp:443 or custom secure port

Text-to-speech

Access to external servers (both PBX):

- tts.wildix.com

Port:

- outgoing: tcp:443
- incoming: tcp:443 or custom secure port

Zabbix monitoring

- 8099 TCP for IP 63.32.222.64
- 10050 TCP for local Zabbix

SSL certificate renew

Access to external server:

- ssl.wildix.com

Port:

- outgoing tcp:443

CLASSOUND

Access to external servers:

- operator-k1.wildix.com
- operator-k2.wildix.com
- operator-k3.wildix.com

Port:

- incoming: tcp:5061
- RTP: from 10000 to 15000 (SIP-RTP page in WMS Settings -> PBX (VM and HW PBXsRTP page)