Ports used by Corvina Cloud - firewall rules

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Corvina has

- a VPN-based solution that allows to remotely access devices connected to Corvina server through an internet connection.
- a IoT solution that allows to send and receive data from devices to the cloud.

Quick guide that explain the ports used by Corvina

To use Corvina services in your network, you need to have these ports open:

1. *for VPN connection check or ask to your IT department to make sure your internet connection can connect to these addresses (FQDN) from your devices:*

URLs	Service name	Port	Direction
pairing.corvina.io	Corvina pairing services	443/TCP	Outgoing
remote2.pairing.corvina.io	Corvina VPN services	443/TCP	Outgoing
vpn2.corvina.io	Corvina VPN services	1194/UDP, 443/TCP	Outgoing
vpn2bck.corvina.io	Corvina VPN backup	1194/UDP, 443/TCP	Outgoing
corvinacloud.com	Migrated devices *	443/TCP	Outgoing
vpn2wce.corvina.io	WCE devices	1194/UDP	Outgoing

* Only for migrated devices.

2. *for IoT connection check or ask to your IT department to make sure your internet connection can connect to these addresses (FQDN) from your devices:*

URLs	Service name	Port	Direction
pairing.corvina.io	Corvina pairing services	443/TCP	Outgoing
api.platform.corvina.io	Corvina IoT services	443/TCP	Outgoing
broker.corvina.io	Corvina IoT services	8883/TCP, 443/TCP	Outgoing

3. *to use Corvina with your PC you need to make sure to can connect to this address (FQDN):*

URL	Service name	Port
*.corvina.io	Corvina website and services	TCP 443

Note: The domain "corvina.io" should be changed according to your instance domain.
Please note that the IP addresses may change with time and region location

Once you have done these things, you should be able to use Corvina without any problems.

Proxy settings

If your internet connection is secured through a proxy performing SSL inspection, please ensure the proxy trusts our devices Root CA: Exor Devices Digital Identities Root CA.crt

Why do I need to open these ports?

The ports that you need to open are used by Corvina to communicate with its servers.

How do I open the ports?

The steps for opening ports vary depending on your router or firewall. Please consult the documentation for your device for instructions.

I'm having trouble connecting to Corvina. What should I do?

If you are having trouble connecting to Corvina, please try the following:

- Make sure that you have opened the required ports and your proxy trusts our CA
- Try restarting your device.
- Contact your IT department for assistance.
- Make sure your device have the correct timestamp or can reach NTP server to automatically update the time and date
- Make sure the device has the internet connection with the following command via SSH:
- `ping 8.8.8.8`
- `ping google.com`

```
ping pairing.corvina.io
```