Networking requirements

Centero Software Manager service uses different backend services depending of the CSM product. To see what backend services each CSM product requires, check requirements documentation under specific CSM product.

> ⧄ **Note!**
>
> Starting on 1st of April 2021 we are adding Azure Front Door service to all our publicly accessible services. **This means that IP addresses of our public services will change during April 2021**. **If you are restricting outbound network access using IP addresses/IP address prefixes** in your environment, please add Azure Front Door frontend IP address prefixes to be allowed before 1st of March 2021. Do not remove access to current service IP addresses until you have received verification from us that old IP addresses are no longer in use.
>
> If you are not restricting outbound access or you are using DNS names for restricting the access, you don't need to change anything.
>
> You can find Azure Front Door frontend addresses that you need to allow from Microsoft. Download the JSON document and search for section **AzureFrontDoor.Frontend** and **Storage.NorthEurope** to see list of address prefixes (property **addressPrefixes**) that needs to be allowed.

Centero Customer Portal frontend

Centero Customer Portal management portal is available at https://preview.portal.centero.fi and this address must be accessible:

- HTTPS (port 443/TCP) outbound to IP address 40.113.90.202

> ⧄ **Note!**
>
> Starting 1st of April 2021 additional rules are required (see note on the top of the page for more details):
>
> - HTTPS (port 443/TCP) outbound to Azure Front Door frontend address prefixes

CSM Integration Client backend

CSM Integration Clients use backend services from http://portal.centero.fi, https://portal.centero.fi, https://gateway.centero.fi, https://gw-eu.software-manager.com and https://centerofileshares.file.core.windows.net addresses and must be accessible:

- In CSM 2.0.5000 and newer:
  - HTTPS (port 443/TCP) outbound to gw-eu.software-manager.com
  - HTTPS (port 443/TCP) outbound to centerofileshares.file.core.windows.net

- In CSM 1.0.5088 and older:
  - HTTP (port 80/TCP) outbound to IP address 91.190.196.42
  - HTTPS (port 443/TCP) outbound to IP address 91.190.196.42

> ✐ **Note!**
>
> Starting 1st of March April additional rules are required (see note on the top of the page for more details):
>
> - HTTP (port 80/TCP) outbound to Azure Front Door frontend address prefixes
> - HTTPS (port 443/TCP) outbound to Azure Front Door frontend address prefixes

CSM Cloud backend

CSM Cloud Clients use backend services from http://wsus.csm.fi, https://wsus.csm.fi, https://cgw.csm.fi and https://csm-wsus-api.azurewebsites.net addresses and must be accessible:

- HTTP (port 80/TCP) outbound to IP address 40.127.166.151
- HTTPS (port 443/TCP) outbound to IP address 40.127.166.151
- HTTPS (port 443/TCP) outbound to IP address 52.169.191.40

> ✐ **Note!**
>
> Starting 1st of April 2021 additional rules are required (see note on the top of the page for more details):
>
> - HTTP (port 80/TCP) outbound to Azure Front Door frontend address prefixes
> - HTTPS (port 443/TCP) outbound to Azure Front Door frontend address prefixes