

How to define proxy settings?

Since 2022.01 by default the Windows OS / Linux Gnome proxy settings are used by FEWS. You can add `-Djava.net.useSystemProxies=false` as jvmOption to the clientConfig.xml to get the 2021.02 or earlier behavior.

If you have proxy settings different from LAN, you can explicitly define these also.

All below listed settings are optional and only required, if it differs from the default setting. For example, it is possible to define only the proxyHost.

Note that the below "http" keys should be replaced by "https" if the proxy server has an https based url.

in case of http and not https:

```
<jvmOption>-Dhttp.proxyHost=[proxyHostname, or IP-address]</jvmOption>
<jvmOption>-Dhttp.proxyPort=[proxyPortNumber, default 80]</jvmOption>
<jvmOption>-Dhttp.proxyUser=[dummy_username]</jvmOption>
<jvmOption>-Dhttp.proxyPassword=[dummy_password]</jvmOption>
```

or in case of https:

```
<jvmOption>-Dhttps.proxyHost=[proxyHostname, or IP-address]</jvmOption>
<jvmOption>-Dhttps.proxyPort=[proxyPortNumber, default 80]</jvmOption>
<jvmOption>-Dhttps.proxyUser=[dummy_username]</jvmOption>
<jvmOption>-Dhttps.proxyPassword=[dummy_password]</jvmOption>
```

when in doubt, use both

Since java 8, basic authentication is disabled by default. See also: <https://www.oracle.com/java/technologies/javase/8u111-relnotes.html>. This can be enabled using the following properties:

```
<jvmOption>-Djdk.http.auth.tunneling.disabledSchemes=""</jvmOption>
<jvmOption>-Djdk.http.auth.proxying.disabledSchemes=""</jvmOption>
<jvmOption>-Djdk.https.auth.tunneling.disabledSchemes=""</jvmOption>
<jvmOption>-Djdk.https.auth.proxying.disabledSchemes=""</jvmOption>
```