

How to define proxy settings?

There are a few ways to define the proxy settings that should be used by the application, whether OC or FSS. By default does JAVA not use the LAN system proxy settings

The easiest way is to define the JAVA system property **java.net.useSystemProxies** in the .JPIF. By default does JAVA not use the LAN system proxy settings for JAVA backwards compatibility reason. You should define this property to **true** to use the default LAN settings.

Before 2014.02 using jpif file

```
..\jre
-Xmx1024m
-Djava.net.useSystemProxies=true
-cp
....
```

Since 2014.02, in the ini file

```
vmarg.2=-Djava.net.useSystemProxies=true
```

If you have proxy settings different from LAN, you can explicitly define them in the .JPIF

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.

Before 2014.02 in the jpif file:

```
..\jre
-Xmx1024m
-Dhttp.proxyHost=[proxyhostURL]
-Dhttp.proxyPort=[proxyPortNumber, default 80]
-Dhttp.proxyUser=[someUserName]
-Dhttp.proxyPassword=[somePassword]
-cp
....
```

Since 2014.02 in the ini file:

```
vmarg.2=-Dhttp.proxyHost=[proxyhostURL]
vmarg.3=-Dhttp.proxyPort=[proxyPortNumber, default 80]
vmarg.4=-Dhttp.proxyUser=[someUserName]
vmarg.5=-Dhttp.proxyPassword=[somePassword]
```

In a server-client setup you need to adjust the `fews.master.mcproxy.conf` file and include these arguments in the `jvm` block. Note that you should specify this for both http and https separately (also in the ini and or jpif file following the example mentioned above).

```
<arg id="3" value="-Dhttp.proxyHost=[proxyhostURL]" />
<arg id="4" value="-Dhttp.proxyPort=[proxyPortNumber, default 80]" />
<arg id="5" value="-Dhttps.proxyHost=[proxyhostURL]" />
<arg id="6" value="-Dhttps.proxyPort=[proxyPortNumber, default 80]" />
```

Since 2018.02 all -D options should be added to the `clientConfig.xml`.

```
<jvmOption>-Djava.net.useSystemProxies=true</jvmOption>
```

or

```
<jvmOption>-Dhttp.proxyHost=[proxyhostURL]</jvmOption>
```

```
<jvmOption>-Dhttp.proxyPort=[proxyPortNumber, default 80]</jvmOption>
```

```
<jvmOption>-Dhttp.proxyUser=[someUserName]</jvmOption>
```

```
<jvmOption>-Dhttp.proxyPassword=[somePassword]</jvmOption>
```

for all details on the JAVA options [this link](#)