

# ⇔ Configuring a corporate proxy

When JHipster is used in a company, you probably will need to configure all tools to bypass the corporate proxy.

You can try to configure the `HTTP_PROXY` and `HTTPS_PROXY` environment variables or use a tool like Cntlm (<http://cntlm.sourceforge.net/>).

But this probably won't be enough, so you will need to configure separately all the tools that are used with JHipster.

## Introduction

Supposing your proxy is defined with:

- username
- password
- host
- port

The resulting configuration is: `http://username:password@host:port`

If you use Cntlm (<http://cntlm.sourceforge.net/>), then your configuration would be: `127.0.0.1:3128`. Otherwise, follow the next steps to configure each tool individually.

## Yarn configuration

Use these commands:

```
yarn config set proxy http://username:password@host:port
yarn config set https-proxy http://username:password@host:port
```

## NPM configuration

Use these commands:

```
npm config set proxy http://username:password@host:port
npm config set https-proxy http://username:password@host:port
```

Or you can edit directly your `~/.npmrc` file:

```
proxy=http://username:password@host:port
https-proxy=http://username:password@host:port
https_proxy=http://username:password@host:port
```

## Git configuration

Use these commands:



```
git config --global http.proxy http://username:password@host:port
git config --global https.proxy http://username:password@host:port
```

Or you can edit directly your `~/.gitconfig` file:

```
[http]
  proxy = http://username:password@host:port
[https]
  proxy = http://username:password@host:port
```

## Bower configuration

Edit your `~/.bowerrc` file:

```
{
  "proxy": "http://username:password@host:port",
  "https-proxy": "http://username:password@host:port"
}
```

## Maven configuration

Edit the proxies session in your `~/.m2/settings.xml` file

```
<proxies>
  <proxy>
    <id>id</id>
    <active>true</active>
    <protocol>http</protocol>
    <username>username</username>
    <password>password</password>
    <host>host</host>
    <port>port</port>
    <nonProxyHosts>local.net|some.host.com</nonProxyHosts>
  </proxy>
</proxies>
```

## Maven Wrapper

Create a new file `.mvn/jvm.config` inside the project folder and set the properties accordingly:

```
-Dhttp.proxyHost=host
-Dhttp.proxyPort=port
-Dhttps.proxyHost=host
-Dhttps.proxyPort=port
-Dhttp.proxyUser=username
-Dhttp.proxyPassword=password
```

## Gradle configuration

Add the below in your `gradle.properties` file and in your `gradle/wrapper/gradle-wrapper.properties` file if you are downloading the wrapper over a proxy

If you want to set these properties globally then add it in `USER_HOME/.gradle/gradle.properties` file



```
## Proxy setup
systemProp.proxySet="true"
systemProp.http.keepAlive="true"
systemProp.http.proxyHost=host
systemProp.http.proxyPort=port
systemProp.http.proxyUser=username
systemProp.http.proxyPassword=password
systemProp.http.nonProxyHosts=local.net|some.host.com

systemProp.https.keepAlive="true"
systemProp.https.proxyHost=host
systemProp.https.proxyPort=port
systemProp.https.proxyUser=username
systemProp.https.proxyPassword=password
systemProp.https.nonProxyHosts=local.net|some.host.com
## end of proxy setup
```

# Docker

## Native Docker

Depending on your OS, you have to edit a specific file ( `/etc/sysconfig/docker` or `/etc/default/docker` ).

Then, you have to restart the docker service with: `sudo service docker restart` .

It will not apply to systemd. See this page from docker



(<https://docs.docker.com/engine/admin/systemd/#http-proxy>) to configure the proxy.

## Docker with docker-machine

You can create your docker-machine with:

```
docker-machine create -d virtualbox \
  --engine-env HTTP_PROXY=http://username:password@host:port \
  --engine-env HTTPS_PROXY=http://username:password@host:port \
  default
```

Or you can edit the file `~/.docker/machine/machines/default/config.json` .

-  Team (<https://jhipster.github.io/team/>)
-  Artwork (<https://jhipster.github.io/artwork>)
-  Policies (<https://jhipster.github.io/policies/>)
-  Thanks (<https://jhipster.github.io/thanks/>)
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(<https://github.com/jhipster/jhipster-generator>)

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