Changing the Proxy Service Preferences

Only users with administration rights are allowed to change the preferences of the proxy service.

In the **Node Instances** section of the navigation, click the name of the node instance that runs the proxy service. Then, click the sub-navigation item **Proxy Services**. The tab **Preferences** is displayed initially. In section **Preferences**, you can change the preferences of the proxy service.

With **Unix** systems, the permission for starting up the Bridge will be denied due to the system's security policy, if

- the Bridge has not been installed with the root user (which is strongly recommended, see Guided Installation of the Bridge with GUI)
- and a low port number for the proxy service (< 1025) has been used

Changing the preferences, you can allow starting a proxy for ports below 1025 by the Bridge user.

To allow starting a proxy for ports below 1025, perform the following steps:

1. Amend your **sudo** configuration as to allow the Bridge user to use sudo.
2. In the Bridge, configure the proxy service as to run the proxy with sudo.

Amending the sudo Configuration

Add the following line to your **sudo** configuration (e.g. using **visudo**):

For Linux 64 bit it is:

```
<your Bridge user> ALL = (root:<name of the group>) NOPASSWD: SETENV:
/opt/e2e_bridge_prog/apache-2.4.33/linux-64/bin/httpd
```

You have to specify the options **NOPASSWD:** and **SETENV:**. The path to **httpd** must match with your installation. The above is for Linux 64-bit and Apache 2.4.33.

For Linux 32 bit it is:

```
<your Bridge user> ALL = (root:<name of the group>) NOPASSWD: SETENV:
/opt/e2e_bridge_prog/apache-2.4.33/linux-x86/bin/httpd
```

`<name of the group>` is the Unix group, user `<your Bridge user>` is member of.

In case you get an error like `sudo: sorry, you must have a tty to run sudo`, you need to disable the **requiretty** option (that means to allow the Bridge user to use non-interactive **sudo**).
Add the following line to your sudo configuration:

```
Defaults:<your Bridge user> !requiretty
```

Configuring the Proxy Service with the Bridge

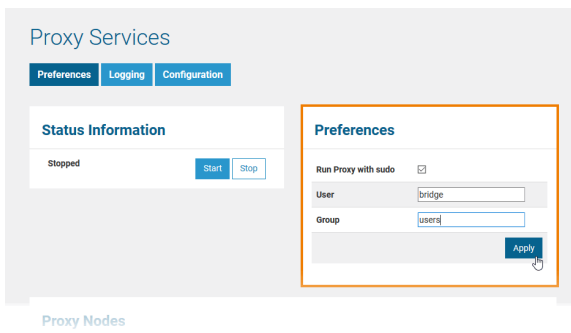In the navigation, select the **Proxy Services**. The **Preferences** tab is displayed.

1. Stop the proxy service via the Bridge (see Starting and Stopping Proxy Services).
2. In the **Preferences** section, check the **sudo** checkbox. Enter your Bridge user in the **User** field and the group of the root user in the field **Group**.

Click **Apply**.

3. Start the proxy service via the Bridge (see).

> If you changed the configuration of the Bridge Proxy manually before and you set the property **overwrite_proxy_configuration** in file **<your Bridge program directory>\console.properties** to false, changing the preferences of the proxy with the Bridge will take no effect.
>
> In this case, you need to change the property to **true** or remove the whole line, and click **Apply** again to apply the change of the preferences.