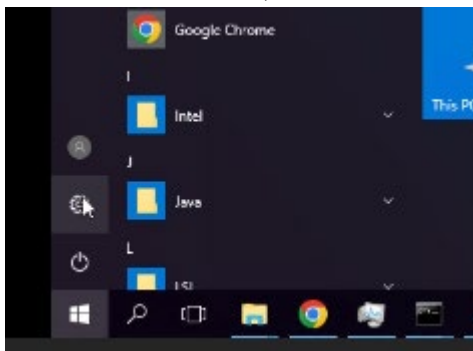


Removing Oracle Java

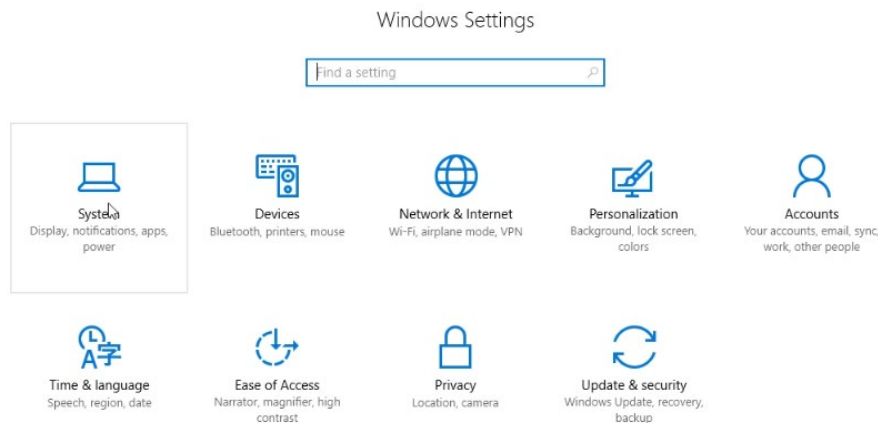
The latest version of GigaFlow runs on OpenJDK 17 and not Oracle Java. Once the latest version of GigaFlow is installed, you can remove the Oracle Java Engine. To remove the Oracle Java Runtime software, follow this procedure (select Windows or Linux procedure as appropriate).

Windows

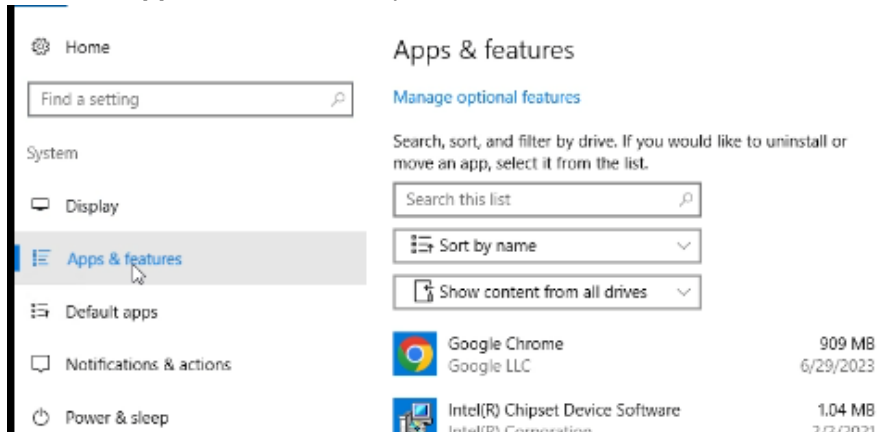
1. Log into the server using Administrator credentials.
2. Click the **Start** button, then click the **Settings** icon.



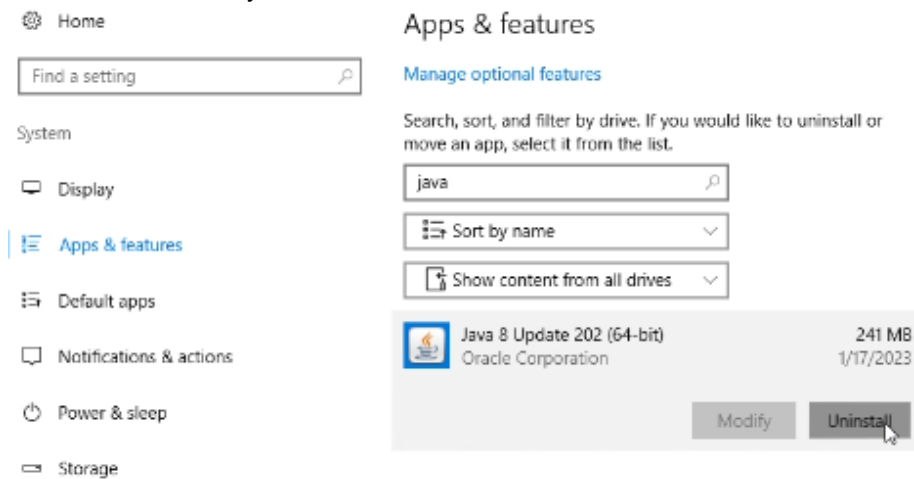
3. Click on the **System** icon.



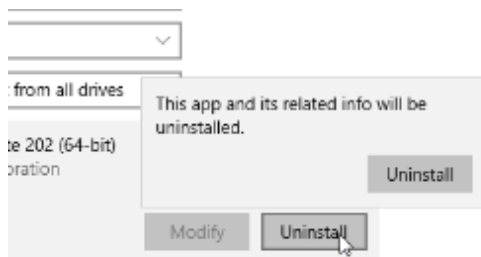
4. Click the **Apps & features** left option.



5. In the **Search this list** box, type "java".
6. Select the **Java** entry from the results list and click the **Uninstall** button.

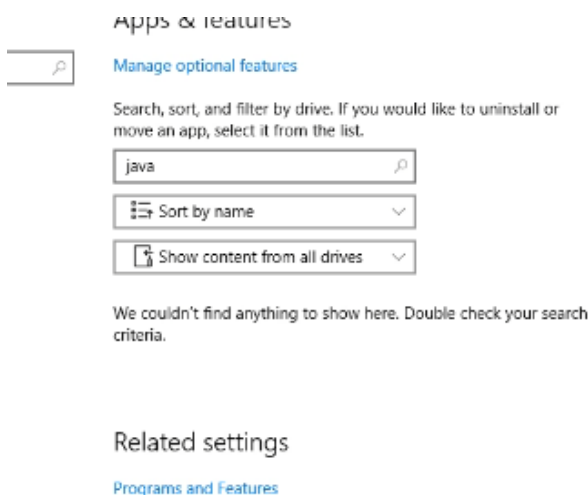


7. In the pop-up message, click the **Uninstall** button to confirm the uninstall process.



Note: During the uninstall some dialog boxes show. This is normal.

Note: When the uninstall process is finished **Java** should no longer be visible in the list of installed applications.



You can now also remove the original Oracle Java installer software.

You can find it in the folder **Gigaflow**, installed under the **flowdist** folder. By default, the path would be **c:\Gigaflow\Flow\dist**.

Here you will find the Oracle Java runtime Installer named **jre-8u202-windows-x64.exe**. You may find others with a different version. You can delete all these files.

Name	Date modified	Type	Size
jdk-17-jre	6/23/2023 5:53 PM	File folder	
lib	7/6/2023 11:19 AM	File folder	
jre-8u202-windows-x64.exe	5/4/2023 4:30 PM	Application	75,467 KB
postgresql-11.16-1-windows-x64.exe	6/23/2023 6:22 PM	Application	309,170 KB
ROS.jar	7/6/2023 11:23 AM	Executable Jar File	68,303 KB

Oracle Java JRE is now removed from your system.

Linux

By default, on GigaFlow for Linux, java is run from `/opt/java`.

This is normally a symlink to the real folder (for example, `/usr/java/jre1.8.0_202-amd64/`).

For Gigaflow 18.16.0.0, we will replace the current Oracle JRE 1.8 with the latest OpenJDK 17.

The new JRE will be delivered with the product in the `/opt/` folder (for example, `/opt/jdk-17.0.7+7-jre/`).

As such, Gigaflow will replace the link in `/opt/java` from `/usr/java/jre1.8.0_202-amd64/` to `/opt/jdk-17.0.7+7-jre/` (as an example).

1. To confirm that this was done, run the following command:
`ls -lart /opt/`

You should see an output similar to the following print screen:

```
[root@gigaflow ros]# ls -lart /opt/
total 20
drwxr-xr-x. 3 root root 21 May 3 2022 MegaRAID
drwxr-xr-x. 6 root root 82 Apr 19 00:49 jdk-17.0.7+7-jre
lrwxrwxrwx. 1 root root 22 Jun 21 11:31 java -> /opt/jdk-17.0.7+7-jre/
drwxr-xr-x. 7 1232740 1049089 124 Jul 5 18:16 .
drwxr-xr-x. 4 gigafLOW viavi 130 Jul 5 18:16 ros
```

Note: The `/opt/java` is pointing to the new Open JDK 17 install location.

2. If this is done, then you can remove the installed Oracle java.
 - a) To find out which version is installed, run the following command:
`rpm -qa jre*`

You should see an output similar to the following print screen:

```
[root@gigaflow ros]# rpm -qa jre*
jre1.8-1.8.0_202-fcs.x86_64
[root@gigaflow ros]#
[root@gigaflow ros]#
```

Here we can see that the version installed is `jre1.8-1.8.0_202-fcs.x86_64`.

- b) To remove, run the following command (changing the `jre1.8-1.8.0_202-fcs.x86_64` to match what was installed on your system from above output):
`rpm -e jre1.8-1.8.0_202-fcs.x86_64`

You should see an output similar to the following print screen:

```
[root@gigaflow ros]# rpm -e jre1.8-1.8.0_202-fcs.x86_64
warning: file /usr/java/jre1.8.0_202-amd64/lib/javasettings: remove failed: No such file or directory
warning: file /usr/java/jre1.8.0_202-amd64/lib/install.jar: remove failed: No such file or directory
```

3. To check that the installed files were removed, run the following command:
`ls -lart /usr/java`

```
[root@gigaflow ros]# ls -lart /usr/java/
total 0
drwxr-xr-x. 15 root root 186 May  3  2022 ..
drwxr-xr-x.  2 root root  6 Jul 11 11:28 .
[root@gigaflow ros]#
```

You can notice that the folder is now empty.

4. If you also want to remove the package installer, then run the following command to find its location and then you can remove any occurrences:
`find / -name jre-8*.rpm`