

Apache Log4j 2.x Security Vulnerabilities (CVE-2021-44228 & CVE-2021-45046) - Impact on Windchill, Navigate, & SOLR

Steps to Apply Workaround to Windchill:

1. Stop **Windchill**
2. Remove jar:

```
<WTHOME>/codebase/WEB-INF/lib/ie3rdpartylibs.jar
```

3. Remove the class file from <WTHOME>/srclib/log4j-core.jar

```
org/apache/logging/log4j/core/lookup/JndiLookup.class
```

- a. Linux:

```
zip -q -d log4j-core.jar org/apache/logging/log4j/core/lookup/JndiLookup.class
```

- b. Windows installations will need to manually delete the class file from following location

```
<WTHOME>/srclib/log4j-core.jar
```

4. Run the following commands from **Windchill shell** inside the <WTHOME>/srclib directory

- a.

```
ant -f windchill3rdPartyJars.xml all
```

- b. Verify that <WTHOME>/codebase/WEB-INF/lib/ie3rdpartylibs.jar does not have the class file below inside the jar

```
org/apache/logging/log4j/core/lookup/JndiLookup.class
```

5. Start **Windchill**