

# IdPLinuxNonRootDebianUbuntu

## Configuring Debian or Ubuntu To Run a Servlet Container as Non-Root

### Tomcat 6, 7, 8

For recent releases of Debian and Ubuntu the `tomcat<n>` package includes a dependency on the `authbind` package and a default `authbind` configuration that allows the Tomcat container to bind to ports < 1024 without running the whole JVM as `root` user.

To leverage the `authbind` configuration edit the configuration file `/etc/default/tomcat<n>` and set (at the very end)

```
AUTHBIND=yes
```

See this [Debian Administrator article](#) or check the man page for `authbind`.

For example binding to port 443 one would need:

```
touch /etc/authbind/byport/443
chmod 0755 /etc/authbind/byport/443
chown tomcat8:tomcat8 /etc/authbind/byport/443 # or tomcat<n>:tomcat<n> for your version
```