

Running Geronimo as a non-root user

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It is very likely that you will not want to have the Geronimo server process under the super user root. The following are a series of simple steps for changing the ownership and permissions for the required files in order to run Geronimo with a different user.

The following tasks should be performed while logged as root or a user with enough access rights.

1. create a new user (i.e. gmo) and add it to a specific user group. You could use the predefined **www** user group for instance.
2. edit the `.bashrc` for the user you just created and add the `PATH` and `JAVA_HOME` variables:

```
PATH=$PATH:<java_home>/bin
export PATH
JAVA_HOME=<java_home>
export JAVA_HOME
```
3. change the user group to all the subdirs in `<geronimo_home>`

```
chown -R root:www <geronimo_home>
```
4. create a **deploy** directory within the `<geronimo_home>` directory structure.
5. change the access permissions to the following directories

```
chmod -R 774 <geronimo_home>/bin
chmod -R 774 <geronimo_home>/deploy
chmod -R 774 <geronimo_home>/repository
chmod -R 774 <geronimo_home>/var
```
6. login as the new user (i.e. gmo)
7. `cd <geronimo_home>/bin`
8. `./geronimo.sh run`

You are now able to run and deploy applications with a user other than root.