# Docker Security

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The docker daemon always runs as root, and since docker version 0.5.2, docker binds to a Unix socket instead of a TCP port. By default that Unix socket is owned by the user *root*, and so, by default, you can access it with sudo.

Starting in version 0.5.3, if you (or your Docker installer) create a Unix group called *docker* and add users to it, then the docker daemon will make the ownership of the Unix socket read/writable by the*docker* group when the daemon starts. The docker daemon must always run as root, but if you run thedocker client as a user in the *docker* group then you don’t need to add sudo to all the client commands.

**Example:**

*# Add the docker group if it doesn't already exist.*
$ sudo groupadd docker

*# Create the docker user if it doesn't already exist and add him to the docker group*
$ sudo useradd -g docker docker

*# Log in as the docker user* $ sudo su - docker

*# Restart the docker daemon.* $ sudo service docker restart

*# Now execute docker without being the super user* $ docker images

*Mercilessly stolen and altered from the good people at Docker.io.

**Source URL:** http://www.blackhillsystems.com/?q=node/48