

Running Geronimo as a Linux service

This article will show you how to configure Apache Geronimo server to run as a Linux service.

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Software Prerequisites

To run Apache Geronimo as a Linux service, you need a Geronimo server installed on Linux. Follow the instructions for installing Apache Geronimo in [Quick Start](#). Throughout the rest of the article the installation directory will be referred to as `<geronimo_home>`.

Installing a Geronimo service

Make sure that you log on the system as a root user. Then we need a Linux Shell script `gserviceReg.sh` to run the Geronimo server as a service. This file is by default located in `<geronimo_home>/bin`.

You can now run Geronimo as a service from a command line, by running the following command from `<geronimo_home>/bin`:

```
./gserviceReg.sh add <service_name>
```

where `<service_name>` is the name you specify for a service. You can create multiple service names for the server.

After you install the Geronimo server as a service, the service will be started automatically when the operating system is started next time.

Managing the installed Geronimo service

Starting, stopping or restarting a service

You can start the service by running this command:

```
<service_name> start
```

Similarly, stop the service by running this command:

```
<service_name> stop
```

Restart the service by running this command:

```
<service_name> restart
```

where `<service_name>` is the name of the service.

Checking the status of a service

To find the status of a Geronimo service, run the following command:

```
<service_name> status
```

where `<service_name>` is the name of the service.

Finding the mapping directory of a service

If you have installed multiple services on the server, you might want to find the mapping directory for each service. Run the following command to find the mapping directory:

```
./gserviceReg.sh list <service_name>
```

where *<service_name>* is the name of the service.

Removing a Geronimo service

To remove the Apache Geronimo service, run the following command:

```
./gserviceReg.sh del <service_name>
```

where *<service_name>* is the name of the service you want to remove.