

# Running midPoint with systemd

This page describes the method how to setup [midPoint server](#) for systemd run control. This is the usual setup to start midPoint automatically after system boot on UNIX-like (Linux) systems.

The following steps assume the midPoint installation in `/opt/midpoint` directory, owned (both directory and its content) as (previously created) user `midpoint`. The service will be started as user `midpoint` and will listen on default TCP 8080 port.

1. Create a new file `/etc/systemd/system/midpoint.service` with the following content:

```
midpoint.service
[Unit]
Description=MidPoint Standalone Service
###Requires=postgresql.service
###After=postgresql.service
[Service]
User=midpoint
WorkingDirectory=/opt/midpoint
ExecStart=/usr/bin/java -Xmx2048m -Dmidpoint.home=/opt/midpoint/var -jar
/opt/midpoint/lib/midpoint.war
SuccessExitStatus=143
###TimeoutStopSec=120s
[Install]
WantedBy=multi-user.target
```

2. Run the following commands to enable midpoint service:

```
sudo systemctl daemon-reload
sudo systemctl enable midpoint
```

3. Start midPoint as systemd service using the following command:

```
sudo systemctl start midpoint
```

4. You can monitor the startup in `/opt/midpoint/var/log/midpoint.log` (standard midPoint log) or in `/var/log/syslog` (the file name may vary; if systemd is used, `/opt/midpoint/var/log/midpoint.out` is **not** used).

5. You can stop midPoint as systemd service using the following command:

```
sudo systemctl stop midpoint
```

6. To disable automatic midPoint startup/shutdown, use the following command:

```
sudo systemctl disable midpoint
```

If you wish to customize JVM parameters, just modify `ExecStart` directive in the `midpoint.service` file and restart midPoint.

Systemd allows you to specify service dependencies. For example to specify that midPoint requires PostgreSQL database (running as systemd service on the same host), just uncomment the lines `Requires` and `After`. Systemd will start PostgreSQL before midPoint, and when PostgreSQL goes down, it will also automatically shutdown midPoint.

## See Also

- [Installation Guide](#)
- [Stand-Alone Deployment](#)