


Start and Stop the Standalone Machine Agent

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This topic contains a summary of the start and stop commands for the Standalone Machine Agent (Machine Agent). For information about required permissions, see [Permissions Required to Run the Machine Agent](#).

Running the Standalone Machine Agent with a Non-Bundled JRE

If you want to run the Standalone Machine Agent with the default JRE on the machine (rather than the JRE bundled with the agent), the recommended workflow is to install a non-JRE version of the Standalone Machine Agent and run the non-JRE agent instead. For more information, see [Install Using the Non-JRE Zip File](#).

Start the Standalone Machine Agent

RPM-based Linux Systems

If you installed using the Linux RPM, start the Machine Agent as follows:

- *sysV systems:* `service appdynamics-machine-agent start`

- *systemd systems*: Use the Machine Agent service launcher as follows: `systemctl start appdynamics-machine-agent`

Linux and Solaris Systems

If you installed using the JRE bundled zip archive for Linux and Solaris, run the launcher as follows:

- *Linux*: `<machine_agent_home>/bin/machine-agent -d -p <machine_agent_home>/pidfile`
- *Solaris*: `<machine_agent_home>/bin/machine-agent -d -p <machine_agent_home>/pidfile`

Windows Systems

See [Windows Install Using ZIP with Bundled JRE](#).

Mac OS X

There are two ways to start the Machine Agent on OS X:

- Run `<machine_agent_home>/bin/machine-agent` (just like the instructions for Linux).
- Start the Machine Agent as a service:
 - The command: `<machine_agent_home>/osx-install.sh` creates `<machine_agent_home>/com.appdynamics.machineagent.plist` and starts the Machine Agent service. To modify the configuration, see [Mac OS X Install Using the ZIP with Bundled JRE](#). The `osx-install.sh` script uses `<machine_agent_home>/com.appdynamics.machineagent.plist.template` to generate `<machine_agent_home>/com.appdynamics.machineagent.plist`.
 - If the service is not running, but has been installed earlier, then restart it using the command: `launchctl load -w <machine_agent_home>/com.appdynamics.machineagent.plist`. To change the configuration modify `<machine_agent_home>/com.appdynamics.machineagent.plist` before running the `launchctl` command. Note that running `osx-install.sh` at this point overwrites the `<machine_agent_home>/com.appdynamics.machineagent.plist`, which is probably not desired.

launchctl Command and plist Files

The Mac OS X manual pages include information about the `launchctl` command and `plist` files. This information is only relevant if you are running the Machine Agent as a service on OS X.

To view this information:

- `launchctl`: on the command line enter: `man launchctl`
- `plist` files: on the command line enter: `man launchd.plist`

Stop the Standalone Machine Agent

Non-JRE Bundled Zip Archive

If the Standalone Machine Agent process is running in the background, you can stop it by simply entering the `kill` command with the [process ID](#) as the argument. If it is running in the foreground in a console, you can press `Ctrl+C` to shut down the agent.

RPM-based Linux Systems

SysV: Use the `service` launcher as follows:

```
% service /etc/init.d/appdynamics-machine-agent stop
```

systemd: Use the systemd unit file as follows:

```
% systemctl stop appdynamics-machine-agent
```

Linux and Solaris systems

Running in the Foreground: Press Ctrl-c to stop the agent process.

Running in the Background: identify the process id and use the kill command.

1. **Identify the agent process:** `ps -ef | grep machineagent.`
The output provides the process ID (PID) of the Machine Agent process.
2. Stop the agent process: `kill <machine_agent_PID>.`

Windows

In the foreground in a console window: Use Ctrl+C to shut down the agent.

As a Windows Service: Stop the service using either of the following methods:

- In the Windows Services application, select **AppDynamics Machine Agent** and click **Stop**.
- Use the MachineAgentService command as follows:

```
C:\> <machine_agent_home>\bin\MachineAgentService.exe /stop
```

Mac OS X

As a background process: enter the kill command with the [process ID](#) as the argument.

As a service: From the bash command line:

```
> sudo launchctl unload -w <machine_agent_home>/com.appdynamics.machineagent.plist
```