


Where to Specify Machine Agent Configuration

Related pages:

- [Install the Machine Agent](#)
- [Plan the Machine Agent Configuration](#)
- [Machine Agent Configuration Properties](#)



You configure Agent system properties in different ways based on your operating system and whether you are starting the Agent from the command line or as a service.

Linux As a Service

- SysV service launcher:
Specify the Agent system properties in the `<machine_agent_home>/etc/sysconfig/appdynamics-machine-agent` configuration file, and edit the `JAVA_OPTS` environment variable.
- systemd:
Specify the Agent system properties in the `<machine_agent_home>/etc/systemd/system/appdynamics-machine-agent.service` file, and edit the `JAVA_OPTS` environment variable.

Any UNIX-like System

When starting the Agent application on the command line for an UNIX-like system ((Linux, Solaris, Mac, AIX, and so on) using the `machine-agent` command, specify the agent system properties on the command line:

- Run agent in the background:

```
% nohup <machine_agent_home>/bin/machine-agent -D<system_property1>=<value1> -D<system_property2>=<value2> ... &
```
- Run agent in the foreground:

```
% <machine_agent_home>/bin/machine-agent -D<system_property1>=<value1> -D<system_property2>=<value2> ...
```

Windows

When installing and starting a Windows service (you need admin privileges), specify AppDynamics-specific -D options on the command line or in `controller-info.xml`.

Add other JVM properties on the command line:

```
<machine_agent_home>\cscript InstallService.vbs InstallService.cmd <jvm_options>
```

Mac OS X

Start the Agent service using the `<machine_agent_home>/osx-install.sh` script and specify the Agent system properties on the command line:

```
> sh <machine_agent_home>/osx-install.sh -D<system_property1>=<value1> -D<system_property2>=<value2>
...
```

When you run the `<machine_agent_home>/osx-install.sh` script, the `<machine_agent_home>/com.appdynamics.machineagent.plist.template` is updated with the installation directory and the java properties set for the Machine Agent.