

Access Logging

Steps to enable an access log

For Ubuntu:

1. Add these lines to `/etc/default/jenkins` above `JENKINS_ARGS`:

```
# Enable access log
JENKINS_ACCESSLOG="--accessLoggerClassName=winstone.accesslog.SimpleAccessLogger --simpleAccessLogger.
format=combined --simpleAccessLogger.file=/var/log/jenkins/access.log"
```

2. Edit `/etc/default/jenkins` and add `$JENKINS_ACCESSLOG` to `JENKINS_ARGS`
3. Enable log rotation: edit `/etc/logrotate.d/jenkins` and change `/var/log/jenkins/jenkins.log` to `/var/log/jenkins/*.log`

For Windows service:

1. Add the line to `%JENKINS_HOME%/jenkins.xml` in `<arguments>` block.

```
--accessLoggerClassName=winstone.accesslog.SimpleAccessLogger --simpleAccessLogger.format=combined --
simpleAccessLogger.file="%BASE%/logs/access.log"
```

2. Restart Jenkins service after edit.

Updated jenkins.xml

```
<service>
  <id>jenkins</id>
  <name>Jenkins</name>
  <description>This service runs Jenkins continuous integration system.</description>
  <env name="JENKINS_HOME" value="%BASE%" />
  <!--
    if you'd like to run Jenkins with a specific version of Java, specify a full path to java.exe.
    The following value assumes that you have java in your PATH.
  -->
  <executable>%JAVA_HOME%\bin\java</executable>

  <arguments>-Xrs -Xmx3072m -Dhudson.lifecycle=udson.lifecycle.WindowsServiceLifecycle -jar "%BASE%
\jenkins.war" --httpPort=8080 --webroot="%BASE%\war" --accessLoggerClassName=winstone.accesslog.
SimpleAccessLogger --simpleAccessLogger.format=combined --simpleAccessLogger.file="%BASE%/logs/accs.
log"</arguments>

  <!--
    interactive flag causes the empty black Java window to be displayed.
    I'm still debugging this.
  <interactive />
  -->
  <logmode>rotate</logmode>

  <onfailure action="restart" />
</service>
```

3. Access logs will be created in `"%BASE%/logs/access.log"` but ⚠️ log will be lost on service restart.