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# Session Timeout

: <https://access.redhat.com/solutions/31400>

## JBoss EAP 4.x 5.x

1. The session timeout hierarchy in JBoss EAP is (from lowest to highest precedence):

- org.apache.catalina.session.Manager.maxInactiveInterval (default 60 seconds)
- Set globally in JBossWeb's web.xml (default 30 minutes):

For EAP 4.x, \$JBOSS\_HOME/server/\$PROFILE/deploy/jboss-web.deployer/conf/web.xml For EAP 5.x, \$JBOSS\_HOME/server/\$PROFILE/deployers/jbossweb.deployer/web.xml

- Set in the web application's web.xml: WEB-INF/web.xml
- Dynamically set in code by javax.servlet.http.HttpSession#setMaxInactiveInterval(int)

1. In other words, if the session timeout is set programmatically in the web application via javax.servlet.http.HttpSession#setMaxInactiveInterval(int). This takes precedence over the timeout set in the webapps web.xml, which takes precedence over configured timeout in JBossWeb's global web.xml.

1. In web.xml, the configuration format is:

```
<session-config>
  <session-timeout>30</session-timeout>
</session-config>
```

## JBoss EAP 6

For EAP 6 up to 6.3 it is not possible to set session timeout globally because there is no global web.xml and there is no setting in the web subsystem currently. The default Http session timeout in EAP 6 is 30 minutes and it is hard-coded at the container level. If there is a need to set the session timeout, this should be done in the web application's web.xml.

Starting from EAP 6.4 you can modify the default session timeout by changing the default-session-timeout attribute of the web subsystem. Setting it 15 minutes for example:

```
/subsystem=web:write-attribute(name=default-session-timeout,value=15)
```

result in xml:

```
<subsystem xmlns="urn:jboss:domain:web:2.2" default-virtual-
server="default-host" native="false" default-session-timeout="15">
  ...
```

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</subsystem>

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