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# Session Timeout

## 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">
    ...
  </subsystem>
```

## JBoss EAP 7

HTTP , HTTP HTTP JBoss EAP .  
가 HTTP  
HTTP HTTP 가  
HTTP web.xml JBoss EAP HTTP  
web.xml  
undertow servlet-container default-session-  
timeout . default-session-timeout  
30 .

```
/subsystem=undertow/servlet-container=default:write-attribute(name=default-session-timeout, value=60)
# JBoss reload
reload
```

configuration .

```
<subsystem xmlns="urn:jboss:domain:undertow:3.1">
  <buffer-cache name="default"/>
  <server name="default-server">
    <ajp-listener name="ajp" socket-binding="ajp"/>
    <http-listener name="default" socket-binding="http"
redirect-socket="https"/>
    <host name="default-host" alias="localhost">
      <location name="/" handler="welcome-content"/>
      <filter-ref name="server-header"/>
      <filter-ref name="x-powered-by-header"/>
    </host>
  </server>
<!-- ## . ## -->
  <servlet-container name="default" default-session-timeout="60">
    <jsp-config/>
    <websockets/>
  </servlet-container>
  <handlers>
    <file name="welcome-content"
path="{jboss.home.dir}/welcome-content"/>
  </handlers>
  <filters>
    <response-header name="server-header" header-name="Server"
header-value="JBoss-EAP/7"/>
```

```
<response-header name="x-powered-by-header" header-name="X-  
Powered-By" header-value="Undertow/1"/>  
</filters>  
</subsystem>
```

- [https://access.redhat.com/documentation/en-us/red\\_hat\\_jboss\\_enterprise\\_application\\_platform/7.0/html/configuration\\_guide/configuring\\_the\\_web\\_server\\_undertow#undertow-config-http-session-timeout](https://access.redhat.com/documentation/en-us/red_hat_jboss_enterprise_application_platform/7.0/html/configuration_guide/configuring_the_web_server_undertow#undertow-config-http-session-timeout)
- <https://access.redhat.com/solutions/31400>
- <https://access.redhat.com/solutions/2357941>

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