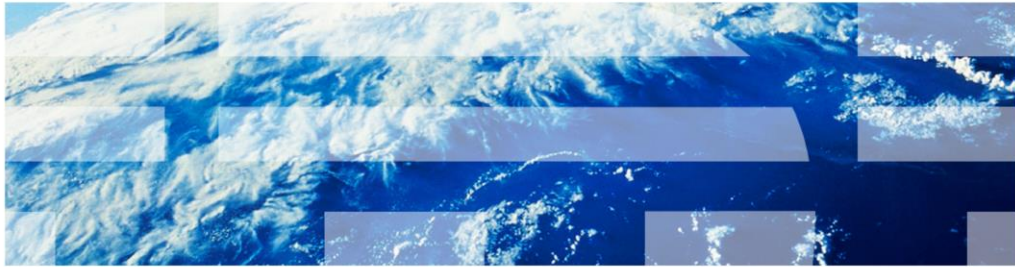


# IBM Maximo Asset Management V7.1

## Activating and modifying system warning message settings for user session timeouts



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This is a training module for Maximo® Asset Management V7.1 In this module you learn to set the time interval for the session timeout warning message.

## Objectives

When you complete this unit, you can perform these tasks:

- View Maximo session timeout settings
- Set a time interval for timeout warning
- Activate new time interval settings
- Test new settings

In this module, you learn how to complete these tasks:

- View the timeout setting for Maximo sessions.
- Set the time interval in minutes before a Maximo session actually times out. This is the time when a warning message is sent.
- Activate an updated or modified Maximo timeout setting and test to verify the operation of a new time interval setting.

## Maximo user session timeouts

- Maximo user sessions timeout when the session is left inactive
- The current setting for a session timeout can be viewed within this file:  
**<maximo\_root>\applications\maximo\maximouiweb\webmodule\WEB-INF\web.xml**
- The session\_timeout parameter shows the current setting, which supplies the default value of 30 minutes

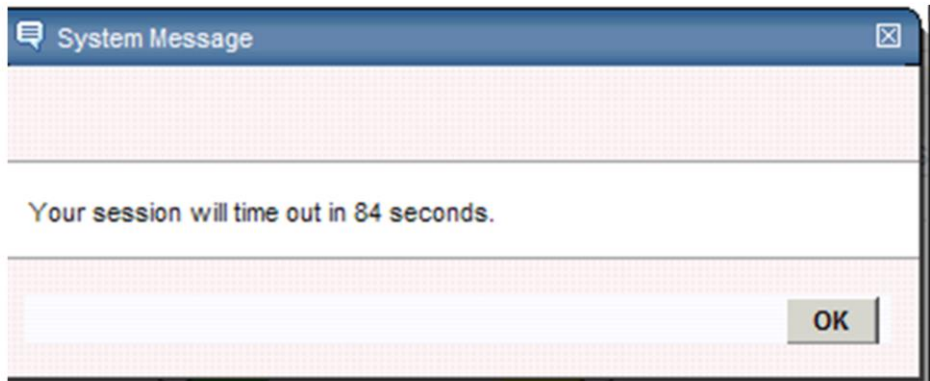
```
<session-config>
  <!-- The session-timeout element defines the default session timeout
        interval for all sessions created in this web application. The
        specified timeout must be expressed in a whole number of minutes. -->
  <session-timeout>30</session-timeout>
</session-config>
```

User sessions within Maximo timeout when the session is left inactive. The number of minutes that a session must remain inactive before a session timeout occurs is set in the file **<maximo\_root>\applications\maximo\maximouiweb\webmodule\WEB-INF\web.xml**.

The session underscore timeout parameter shows the current setting, which is set by default at 30 minutes.

## User warning messages

- Session timeout warning message broadcast to the user
- No user input received = immediate session timeout
- User input received = session timeout period reset



4

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Before a user session times out, a warning message is issued to the user to inform them of the imminent session timeout.

If no user input is received, the session will timeout.

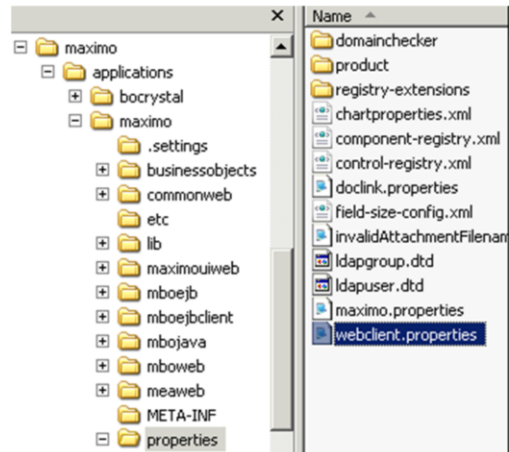
If user input is received, then the session does not timeout and the timeout interval count is reset.

## Setting warning messages

- To set the number of minutes before the timeout, so that a warning message is issued, perform these steps
- Navigate to the directory

<maximo\_root>\applications\maximo\properties

- Edit the file **webclient.properties**



5

Activating and modifying system warning message settings for user session timeouts

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To set the time in minutes before a session timeout occurs so that a warning message is issued, perform these steps:

1. Navigate to the maximo root applications maximo properties directory.
2. Edit the **web.xml** file.

## Updating the warning time parameter

- Update the `webclient.sessiontimeoutwarningtime` parameter
- Set lower value than `session_timeout` in the **web.xml** file
- Default = 10 minutes
- If parameter not set or parameter set to 0 then no warning issued

```
#This value should always be less than <session-timeout>
webclient.sessiontimeoutwarningtime=10
```

In the **web.xml** file, update the **webclient.sessiontimeoutwarningtime** parameter to the required value in minutes.

This setting should be a lower value than the **session\_timeout** setting in the **web.xml** file.

The default supplied value is **10** minutes.

If the parameter is set to **0** or is not set then no session timeout warning message is issued.

## Activating new warning message settings

These actions are required to activate new settings:

- Rebuild EAR
- Deploy updated EAR
- Restart Maximo server

An IBM Education Assistant module is available to assist in building and deployment of EARs:

[http://publib.boulder.ibm.com/infocenter/ieduassst/tivv1r0/topic/com.ibm.iea.mam/mam/7.1/sys\\_install\\_deployment/build\\_deploy\\_Maximo\\_EAR/player.html](http://publib.boulder.ibm.com/infocenter/ieduassst/tivv1r0/topic/com.ibm.iea.mam/mam/7.1/sys_install_deployment/build_deploy_Maximo_EAR/player.html)

The new setting requires these steps to become active in the Maximo system:

- Rebuild the maximo EAR file
- Distribute the newly created maximo EAR file
- Restarting the Maximo server

A link to another IBM Education Assistant module entitled *Maximo Asset Management version 7.1 Building and Deploying EAR Files* is displayed.

## Testing to verify new warning message settings

- Log in to Maximo
- StartCenter shows (no user input here enter)
- Warning message displays
- Verify time interval of session timeouts
  - If the `session_timeout` is set to 20 and the `webclient.sessiontimeoutwarningtime` is set to 2, then warning messages are issued after 18 minutes

1. To test the setting open a browser and log in to Maximo.
2. When the start center screen shows, do not perform any further activity on the session.
3. A warning message should be issued based on the time criteria set.
  - As an example, if the **session\_timeout** is set to **20** and the **webclient.sessiontimeoutwarningtime** is set to **2**, then a warning message should be issued after 18 minutes of inactivity on the session.



## Summary

Now that you have completed this unit, you can perform these tasks:

- View Maximo session timeouts settings
- Set the time interval for session timeout warning messages
- Activate the new settings
- Test the new settings

You have completed the training module. You should now be able to perform these tasks:

- View the setting for timeout of Maximo sessions
- Set the time interval in minutes before a session times out, when a warning message is displayed to the user
- Activate the new session timeout settings
- Test the new session timeout settings

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