

Timer Facility Configuration

Table of Contents

Timer Facility Persistent Configuration	1
Timer Facility JMX Configuration	1

The JAIN SLEE Timer Facility is the module responsible for managing SLEE timers, and the number of threads it uses is configurable.

The Timer Facility configuration can be changed through an XML file and a JMX MBean.

Timer Facility Persistent Configuration

Configuration is done through an XML descriptor for each Restcomm Cluster. The XML file is named *jboss-beans.xml* and is located at *{JBOSS_HOME}/server/{profile_name}/deploy/restcomm-slee/META-INF*

The configuration is exposed a JBoss Microcontainer Bean:

```
<bean name="Mobicents.JAINSLEE.TimerFacilityConfiguration"
      class="org.mobicents.slee.container.management.jmx.TimerFacilityConfiguration">
  <annotation>@org.jboss.aop.microcontainer.aspects.jmx.JMX(name=
    "org.mobicents.slee:name=TimerFacilityConfiguration",exposedInterface=
    org.mobicents.slee.container.management.jmx.TimerFacilityConfigurationMBean.class,
    registerDirectly=true)</annotation>
  <property name="timerThreads">4</property>
</bean>
```

Table 1. JAIN SLEE Timer Facility Bean Configuration

Property Name	Property Type	Description
timerThreads	int	defines how many threads should be used by the Timer Facility
purgePeriod	int	defines the period (in minutes) of purging canceled tasks from the Timer Facility. Use 0 for no purge at all.

Timer Facility JMX Configuration

Through JMX the Timer Facility module configuration can be changed with the container running. Note that such configuration changes are not persisted.

The JMX MBean which can be used to change the Timer Facility configuration is named *org.mobicents.slee:name=TimerFacilityConfiguration*, and provides getters and setters to change each property defined in the persistent configuration. The JMX Console can be used to use this MBean, see [\[management_jmx_console\]](#).