

SAS EVM Plugin Issue Tomcat Resources Configuration Issue

Error:

This resource is turned off or has not been configured properly. The problem is: Invalid configuration: Error contacting resource: Can't connect to MBeanServer url

Resolution

1. **Navigate to** C:\SAS\Config\Lev1\Web\SASEnvironmentManager\server-5.0.0-EE/hq-engine/hq-server/conf/hq-catalina.properties and find the jmx.url port number. *The default value is 1099*
2. Log-On the Environment Manager web portal and navigate to the SASServer_1 configuration specify the following

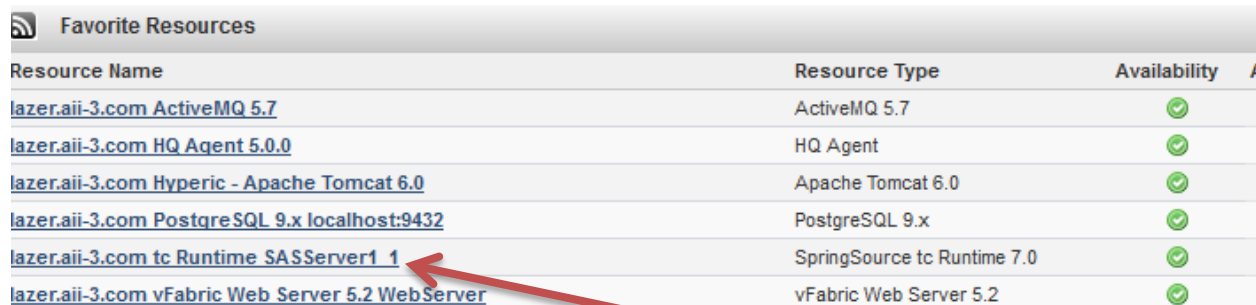
`jmx.url service:jmx.rmi:///jndi/rmi:///localhost:port_number`

Where localhost is your hostname and port that was observed (default 1099)

Example Environment on Linux

Log on to the EVM Dashboard using sasadm@saspw credentials. Normally the path for this dashboard would be <http://<host>:<port>/>

Click on the following:



Resource Name	Resource Type	Availability	A
lazer.aii-3.com ActiveMQ 5.7	ActiveMQ 5.7	✓	
lazer.aii-3.com HQ Agent 5.0.0	HQ Agent	✓	
lazer.aii-3.com Hyperic - Apache Tomcat 6.0	Apache Tomcat 6.0	✓	
lazer.aii-3.com PostgreSQL 9.x localhost:9432	PostgreSQL 9.x	✓	
lazer.aii-3.com tc Runtime SASServer1_1	SpringSource tc Runtime 7.0	✓	
lazer.aii-3.com vFabric Web Server 5.2 WebServer	vFabric Web Server 5.2	✓	

Figure 1: From the main dashboard page locate the SASServer1_1 link, note your dashboard may have a different look based on how portals and favorites were selected, this shows a default setting.

Map ▾ Tools Menu ▾

Monitor **Inventory** Alert Control Views

Metric Display Range: Previous Page Last 8 Hours OK [Advanced Settings](#)

Scroll towards bottom where properties section begins

Configuration Properties

Shared

jmx.url	service:jmx:rmi:///jndi/rmi://lazer.aii-3.com:6969/jmxrmi	jmx.username	admin
jmx.password	*****	ptql	State.Name.sw=java.Args.*.eq=-Dcatalina.base=%catalina.base%
catalina.base	/dev/opt/sas/6.2/config/Lev1/Web/WebAppServer/SASServer1_1	catalina.home	/dev/opt/sas/6.2/sashome/SASWebApplicationServer/9.4/tomcat-7.0.30.A.RELEASE
process.username	sas	process.group	sas
listen.ports	43167,6969,25465,8080,42564		

Monitoring

server.log_track.enable	false	server.log_track.level	
server.log_track.include		server.log_track.exclude	
server.log_track.files		server.config_track.enable	false
server.config_track.files			

Auto-Discovery for Caches, Data Source Contexts, and other services is ON

Control

start.args		stop.args	
program	/dev/opt/sas/6.2/sashome/SASWebApplicationServer/9.4/tcruntime-ctl.sh	prefix	
timeout			

[Edit](#)

07/08/2014 06:08 PM sas [About SAS Environment Manager](#)

Zoomed view from above screen shot



```
jmx.url service:jmx:rmi:///jndi/rmi://lazer.aii-3.com:6969/jmxrmi
jmx.password *****
catalina.base /dev/opt/sas/6.2/config/Lev1/Web/WebAppServer/SASServer1_1
process.username sas
listen.ports 50558,52811,6969,28906,8080
```



Towards bottom left is Edit command button, use that to add the value:

Control

```
start.args
program /dev/opt/sas/6.2/sashome/SASWebApplicationServer
/9.4/tcruntime-ctl.sh
timeout
```



Before making any changes please copy the initial value that shows up and save it in a notepad before providing the new value

Configuration Properties

Shared

* jmx.url JMX URL to MBeanServer	service:jmx:rmi:///jndi/rm
jmx.password JMX password
* catalina.base The location of the tc Server instance.	/dev/opt/sas/6.2/config/L
* process.username The name of the user that should run the tc Server instance.	sas
listen.ports Listening ports for this instance.	43167,6969,25465,8080,

service:jmx:rmi:///jndi/rmi:///lazer.aii-3.com:6969/jmxrmi (relevant for this example, your value will be different)

Add appropriate value Scroll to bottom and Click OK

Control

* start.args The start arguments	start
* program Full path to SpringSource tc Runtime 7.0 control program	/dev/opt/sas/6.2/sashon
* timeout Timeout of control operations (in seconds)	60

OK Reset Cancel