

# TIBCO EMS Monitor Plugin

## Overview



This plugin will capture messaging-related metrics from TIBCO EMS. The measures are composed of broker level measures and destination level measures

The plugin also allows for splitting by topic/queue name when charting the destination level measures

## Plugin Details

<b>Plug-In Files</b>	com.dynatrace.plugin.TibcoEmsPlugin_1.0.0.jar
<b>Author</b>	Erwin Pader
<b>dynaTrace Versions</b>	5.6+
<b>License</b>	dynaTrace BSD
<b>Support</b>	Not Supported
<b>Release History</b>	Dec. 4 - v1.0.0 - Release

## Screenshot of the measures screen

Scheduled Monitor Editor

**Add new TIBCO EMS Monitor**

Please add at least one target host.

Monitor | Schedule | Measures

Measures

Measure Name	C.	Unit					Subscribe
(Broker) - Async Msg Store Size	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Connection Count	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Connection Percentage to Max Connections	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Consumer Count	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Disk Read Rate	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Disk Write Rate	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Durable Count	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Free Msg Mem	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Inbound Bytes Rate	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Inbound Message Count	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Inbound Message Rate	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Maximum Connections	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Max Msg Mem Allowed	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Msg Mem Pool Used	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Msg Mem Used	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Outbound Bytes Rate	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Outbound Message Count	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Outbound Message Rate	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Pending Message Count	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Pending Message Size	num		-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Producer Count	num		-	-	-	-	<input checked="" type="checkbox"/>

Create Incident Rule... Create Measure... Edit... Delete

Hint  
Configure Monitor results.

OK Cancel

Scheduled Monitor Editor

**Add new TIBCO EMS Monitor**

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Monitor | Schedule | Measures

Measures

Measure Name	C..	Unit					Subscribe
(Broker) - Producer Count		num	-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Queue Count		num	-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Session Count		num	-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Sync Msg Store Size		num	-	-	-	-	<input checked="" type="checkbox"/>
(Broker) - Topic Count		num	-	-	-	-	<input checked="" type="checkbox"/>
(Server) - Log File Percent Used		num	-	-	-	-	<input checked="" type="checkbox"/>
(Server) - Log File Size		num	-	-	-	-	<input checked="" type="checkbox"/>
(Server) - Log File Size Max		num	-	-	-	-	<input checked="" type="checkbox"/>
Consumer Count		num	-	-	-	-	<input checked="" type="checkbox"/>
FlowControl MaxBytes		num	-	-	-	-	<input checked="" type="checkbox"/>
Inbound Bytes Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Inbound Bytes Rate		num	-	-	-	-	<input checked="" type="checkbox"/>
Inbound Message Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Inbound Message Rate		num	-	-	-	-	<input checked="" type="checkbox"/>
Outbound Bytes Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Outbound Bytes Rate		num	-	-	-	-	<input checked="" type="checkbox"/>
Outbound Message Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Outbound Message Rate		num	-	-	-	-	<input checked="" type="checkbox"/>
Pending Message Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Pending Message Size		num	-	-	-	-	<input checked="" type="checkbox"/>
Queue Delivered Message Count		num	-	-	-	-	<input checked="" type="checkbox"/>

Hint  
Configure Monitor results.

OK Cancel

Scheduled Monitor Editor

**Add new TIBCO EMS Monitor**

Please add at least one target host.

Monitor | Schedule | Measures

Measures

Measure Name	C..	Unit					Subscribe
(Server) - Log File Percent Used		num	-	-	-	-	<input checked="" type="checkbox"/>
(Server) - Log File Size		num	-	-	-	-	<input checked="" type="checkbox"/>
(Server) - Log File Size Max		num	-	-	-	-	<input checked="" type="checkbox"/>
Consumer Count		num	-	-	-	-	<input checked="" type="checkbox"/>
FlowControl MaxBytes		num	-	-	-	-	<input checked="" type="checkbox"/>
Inbound Bytes Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Inbound Bytes Rate		num	-	-	-	-	<input checked="" type="checkbox"/>
Inbound Message Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Inbound Message Rate		num	-	-	-	-	<input checked="" type="checkbox"/>
Outbound Bytes Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Outbound Bytes Rate		num	-	-	-	-	<input checked="" type="checkbox"/>
Outbound Message Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Outbound Message Rate		num	-	-	-	-	<input checked="" type="checkbox"/>
Pending Message Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Pending Message Size		num	-	-	-	-	<input checked="" type="checkbox"/>
Queue Delivered Message Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Queue InTransit Message Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Queue Receiver Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Topic Durable Count		num	-	-	-	-	<input checked="" type="checkbox"/>
Topic Subscriber Count		num	-	-	-	-	<input checked="" type="checkbox"/>

Hint  
Configure Monitor results.

OK Cancel

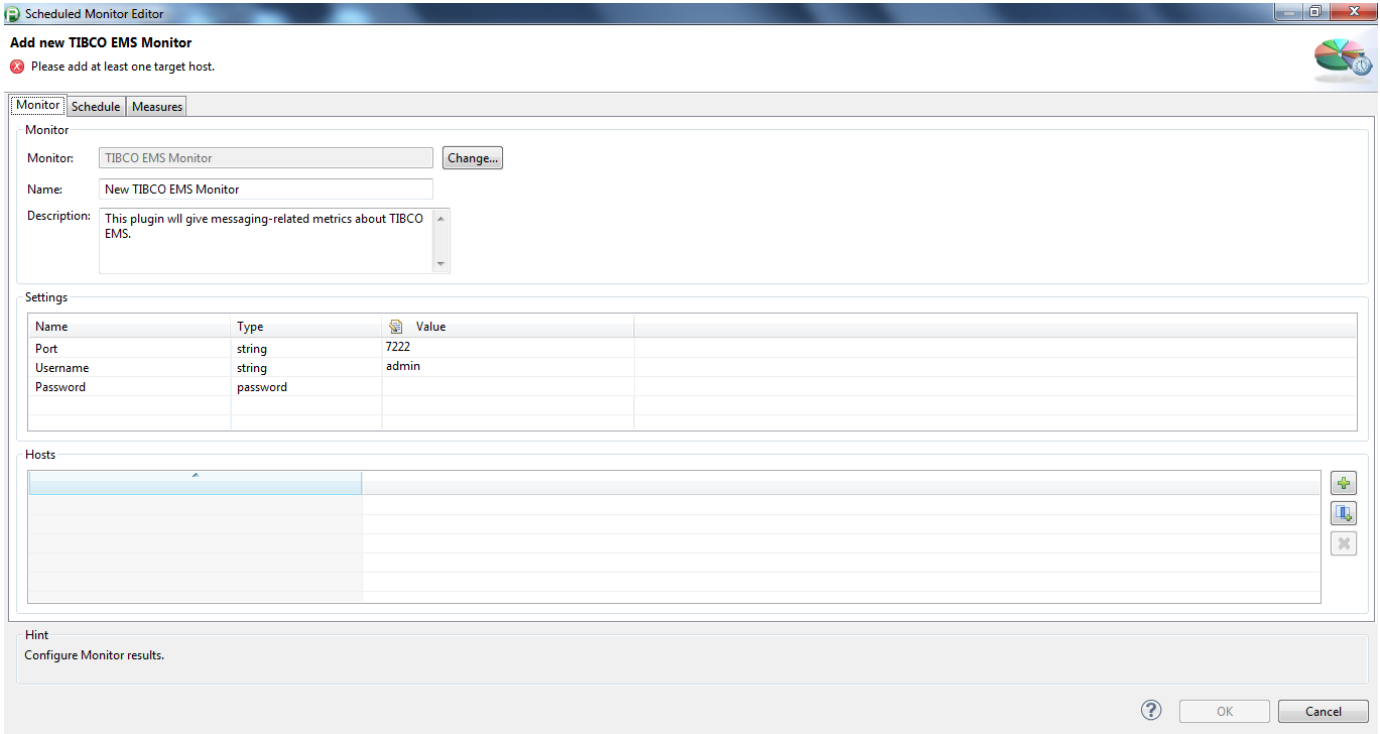
## Configuration

The following properties need to be defined when setting up this monitor

Property Name	Type	Default Value	Notes
Host	String	localhost	hostname or IP address
Port	String	7222	
Username	String	admin	Username credential to authenticate into TIBCO EMS server.

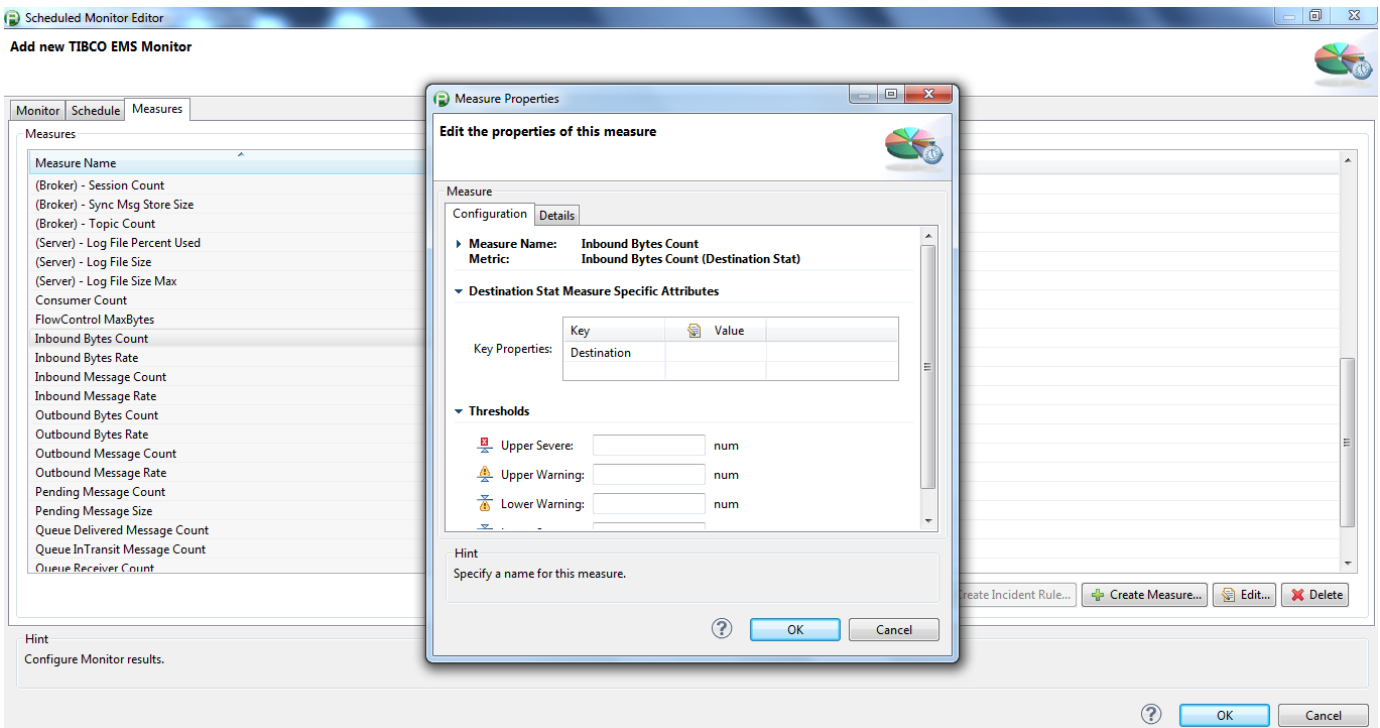
Password	String	Password credential to authenticate into TIBCO EMS server
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## Screenshot of the Configuration page



## Screenshot of the Destination Level Measure Configuration page

Note the destination key which requires a topic or queue name. Wildcards can also be used to capture measures for more than one queue or topic.



## Installation

Import the Plugin into the dynaTrace Server via the dynaTrace Server Settings menu -> Plugins -> Install Plugin. For details how to do this please refer to the dynaTrace documentation:

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[DOCDT55:Plugin Management]

## Contribution

Feel free to contribute any changes on [Github](#)