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## Stop and restart an MQ JMS Activation Specification in WAS

## IBM Techdoc: 7024228

### http://www.ibm.com/support/docview.wss?uid=swg27024228

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+++ Objective

The objective of this technical document is to describe in detail how to stop and restart a WebSphere MQ JMS Activation Specification in WebSphere Application Server V7 and V8.

The proper terminology in WAS is to "pause" and "resume" a message endpoint.

+++ References

Reference:

http://publib.boulder.ibm.com/infocenter/wasinfo/v8r0/topic/com.ibm.websphere. express.doc/info/exp/ae/tdat\_msgendpoint.html Express (Distributed operating systems), Version 8.0 > Administering applications and their environment > Welcome to administering Messaging resources > Managing message-driven beans File name: tdat\_msgendpoint.html Managing messages with message endpoints

+++ Summary

Login to the WAS Administrative Console Left side: Applications > Application Types > WebSphere enterprise applications Right side: Enterprise Applications > Select the desired MDB Click on the Runtime tab Click on "Manage message endpoints" Click on the Activation Specification. You can pause (stop) and resume (restart) the Activation Specification.

#### +++ Detailed procedure

Login to the WAS Administrative Console

Left side: Applications > Application Types > WebSphere enterprise applications Right side: Enterprise Applications > Select the desired MDB

Integrated Solutions Console Welcome		Help   Logo
View: All tasks	Cell=veracruzNode01Cell, Profile=AppSrv01 Enterprise Applications	
Guided Activities     Servers     Applications	Enterprise Applications Use this page to manage installed applications. A single application Preferences	n can be deploye
New Application     Application Types     WebSphere enterprise applications     Dosiness level applications	Start     Stop     Install     Uninstall     Update     Rollout Update       Image: Contract of the start of the sta	Remove File
Assets	Select Name 🗘 You can administer the following resources:	Application Sta
	DefaultApplication	€
<ul><li>Schedulers</li><li>Object pool managers</li></ul>		<ul> <li>♣</li> <li>▲</li> </ul>

- Optional step: Confirm that the MDB is associated with an Activation Specification and not with a Listener Port.

#### - Click on "Message Driven Bean listener bindings"

onfiguration Runtime	
General Properties	Modules
* Name SampleMDBEJBEAR	Manage Modules
Application reference validation	Enterprise Java Bean Properties
Issue warnings 💉	Default messaging provider
Detail Properties	references
Target specific application status	Message Driven Bean
Startup behavior	listener bindings

# - (Optional) Ensure that the radio button is selected for: Activation Specification

Return to previous screen.

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Aessage Each m specific also sp ① App	se Applications > Driven Bean list essage-driven er ation JNDI name ecify the destina ly Multiple Mappi	SampleMDB ener bindings nterprise bear . When a me tion JNDI nam ings	EJBEAR > Message Driven B in your application or modul ssage-driven enterprise bean ne and authentication alias.	ean listener bindings le must be bound to a listene is bound to an activation spe	er port name or to an activation acification JNDI name you can
	0				
Select	EJB module	EJB	URI	Messaging type	Listener Bindings
	SampleMDBEJB	SampleMDB	SampleMDBEJB.jar,META- INF/ejb-jar.xml	javax.jms.MessageListener	<ul> <li>Listener port         <ul> <li>Name</li> <li>Activation Specification             Target Resource JNDI             Name             jms/SampleMDBQueueA             Destinction JNDI nome                   ActivationSpec                   authentication alias</li></ul></li></ul>

- Click on the Runtime tab
- Click on "Manage message endpoints"

Cell=veracruzivodeo1Cell, Profile:	=Аррытиц
Enterprise Applications	? _
Enterprise Applications > Sam	pleMDBEJBEAR
Use this page to configure an e further configuring of the applic	enterprise application. Click the links to access pages for ation or its modules.
Configuration Runtime	
General Properties	- Enterprise Java Bean Properties
Name SampleMDBEJBEAR	Manage message endpoints
Back	

- Click on the Activation Specification. Notice the icon on the Status column (right). If the color of the icon is green, then the MDB is running. If the color is red, then it is stopped.

- It if is running, you can pause (stop) the Activation Specification. Select the Activation Specification and click on "Pause".

Enterprise Applications > SampleMDBEJBEAR > Manage message endpoints         Use this page to manage situations where messageing providers fail to deliver messages to their intended destinations. For example, a provider might fail to deliver messages to a message endpoint when its underlying Message Driven Bean attempts to commit transactions against a database server that is not responding. To temporarily deactivate a message endpoint from handling messages, select the appropriate endpoint and click Pause. After the message endpoint is inactive, repair the underlying cause of the message delivery failures. To reactivate the message endpoint, select the appropriate endpoint and click Pause. After the message Driven Bean and Activation Specification, click the name of the message endpoint.            Preferences             Perferences             Pause Resume              Could can administer the following resources:             SampleMDBEJBEAR #SampleMDBEJBE.jar#SampleMDB_J2CMessageEndpoint         Cell:veracruzNode01Cell         Node:veracruzNode01         Server:server1	nterprise Applications		
Use this page to manage situations where messaging providers fail to deliver messages to their intended destinations. For example, a provider might fail to deliver messages to a message endpoint when its underlying Message Driven Bean attempts to commit transactions against a database server that is not responding. To temporarily deactivate a message endpoint from handling messages, select the appropriate endpoint and click Pause. After the message endpoint is inactive, repair the underlying cause of the message delivery failures. To reactivate the message endpoint, select the appropriate endpoint and click Resume. To view the configuration binding for the underlying endpoint message Driven Bean and Activation Specification, click the name of the message endpoint. Preferences Pause Resume Select Name (Activation Specification) Select Name (Activation Specification) Server:server1 Server:server1	Enterprise Applications > SampleMDBEJBEAR > Manage message endpoints		
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- You can resume (restart) the Activation Specification by clicking on "Resume".

Enterprise Applications > SampleMDBEJBEAR > Manage message endpoints Use this page to manage situations where messaging providers fail to deliver messages to their intended example, a provider might fail to deliver messages to a message endpoint when its underlying Message attempts to commit transactions against a database server that is not responding. To temporarily deactiv endpoint from handling messages, select the appropriate endpoint and click Pause. After the message er repair the underlying cause of the message delivery failures. To reactivate the message endpoint, select endpoint and click Resume. To view the configuration binding for the underlying endpoint message Driver Activation Specification, click the name of the message endpoint.	destinations. For Driven Bean ate a message Idpoint is inactive, the appropriate In Bean and
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Total 1	

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