

**Name** `configure-jms-cluster` – configures the Message Queue cluster providing JMS services to a GlassFish Server cluster

**Synopsis** `configure-jms-cluster` [`--help`]  
[`--clustertype`={`conventional`|`enhanced`}]  
[`--configstoretype`={`masterbroker`|`shareddb`}]  
[`--messagestoretype`={`file`|`jdbc`}]  
[`--dbvendor` *database-vendor*]  
[`--dbuser` *database-user*]  
[`--dburl` *database-url*]  
[`--property` *property-list*]  
*cluster-name*

**Description** The `configure-jms-cluster` configures the Message Queue cluster providing JMS services to a GlassFish Server cluster.

This subcommand should be used before the GlassFish Server cluster is started for the first time. Otherwise, follow the instructions in Chapter 19, “Administering the Java Message Service (JMS),” in *Oracle GlassFish Server 3.1 Administration Guide*.

This subcommand is supported in remote mode only. Remote `asadmin` subcommands require a running domain administration server (DAS).

**Options** `--help`  
`-?`

Displays the help text for the subcommand.

`--clustertype`

The type of Message Queue cluster to configure. The value `conventional` specifies a conventional cluster, and the value `enhanced` specifies an enhanced, high-availability cluster. For information about these cluster types of Message Queue clusters, see Chapter 4, “Broker Clusters,” in *Oracle GlassFish Message Queue 4.5 Technical Overview*.

The default value is `conventional`.

If `enhanced` is specified, the `configstoretype` and `messagestoretype` options are ignored.

`--configstoretype`

The type of data store for configuration data in a conventional cluster. The value `masterbroker` specifies the use of a master broker to store and manage the configuration data. The value `shareddb` specifies the use of a shared database to store the configuration data.

The default value is `masterbroker`.

This option is ignored if `clustertype` is set to `enhanced`.

`--messagestoretype`

The type of data store for message data in brokers in a conventional cluster. The value `file` specifies a file store. The value `jdbc` specifies a JDBC store.

The default value is `file`.

This option is ignored if `clustertype` is set to `enhanced`.

--dbvendor

--dbuser

--dburl

The database vendor, user, and access url of the JDBC database to use in any of these situations:

- When `clustertype` is set to `enhanced`
- When `configstoretype` is set to `shareddb`
- When `messagestoretype` is set to `jdbc`

For information about supported vendors and the formats of access urls for each vendor, see “JDBC-Based Persistence” in *Oracle GlassFish Message Queue 4.5 Administration Guide*.

**Note** – To specify the password of the JDBC database user, use the `--passwordfile` utility option of the `asadmin(1M)` command after adding the entry `AS_ADMIN_JMSDBPASSWORD` to the password file.

--property

A list of additional database-vendor-specific properties to configure the JDBC database for use by the Message Queue cluster. Specify properties as a colon (:) separated list of property names and values in the form:

*prop1name=prop1value:prop2name=prop2value*

**Operands** *cluster-name*

The name of the GlassFish Server cluster for which the Message Queue cluster is to provide JMS services.

**Exit Status** 0            subcommand executed successfully

1            error in executing the subcommand

**See Also** [asadmin\(1M\)](#)

