Oracle® Tuxedo Message Queue (OTMQ)

Release Notes

12*c* (12.1.1.0.0)

March 2012

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Oracle® Tuxedo Message Queue (OTMQ) Release Notes, 12*c* (12.1.1.0.0)

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About This Release

Oracle Tuxedo Message Queue (OTMQ), provides rich queuing functionality for Tuxedo applications as well as for standalone applications. For more information, see Oracle Tuxedo Message Queue Product Overview.

What's New

This OTMQ release includes the following features:

- Store and Forward

  The message is put into the local or target storage before delivered to target queue. If message delivery fails, OTMQ will retry on behalf of the sender.

- Asynchronous queue operations:

OTMQ sending operation does not need to wait until message actually delivered, and receiving operation does not need to block to wait for new message.

- Notification and Delivery Interesting Point

  OTMQ sender can specify a location in the message delivery path, and ACK message will be sent back to sender when message arrives the specified place.

- Reliable message delivery:

  OTMQ can provide a mechanism to ensure guaranteed delivery, writes recoverable messages to nonvolatile storage on the sender or receiver system.

- Message publish/subscribe

  OTMQ supports publish-subscribe in topic.

- Filter based more attributes.

  OTMQ receiver can select message with various rules.

- Dynamic alias of queues

  OTMQ applications can dynamically name a queue with an alias.

- UMA: undelivered message action

  OTMQ sender can specify a way to process message when delivery fails.

- Shared memory based non-persistent messages

  OTMQ applications can store messages in either shared memory or permanent disk storage, to benefit from either higher performance or higher availability.

- Integration with Oracle MessageQ

  OTMQ can exchange messages with Oracle MessageQ.

Installation Notes

The installation of Oracle Tuxedo Message Queue 12c (12.1.1.0.0) is *integrated within* Oracle Tuxedo12c (12.1.1.0.0) installation. When you install Oracle Tuxedo 12c (12.1.1.0.0), you are asked if you want to install Oracle Tuxedo Message Queue 12c (12.1.1.0.0).

For more information, see the Oracle Tuxedo Message Queue Installation Guide.

Platform Support

Oracle Tuxedo Message Queue 12c (12.1.1.0.0) supported platforms are listed in the Supported Platforms in the Oracle Tuxedo Message Queue Installation Guide.

Limitations and Known Issues

The following sections describe the limitations and known issues with OTMQ.

Limitations

- `tpqgetmsga()`

  `tpqgetmsga()` function does not return user attributes information(tpqctl) (such as `src_qspace`, `src_queue`, `tgt_qspace`, `tgt_queue`, etc.)

- Interoperability with Traditional OMQ applications

  If you configure `TMQ_NA` with `CLOPT="-- -g 1 -r 3"`, this indicates that there are two naming services available:

  – the primary is provided by OTMQ qspace 1,

  – the backup is provided by OMQ group 3.

  OTMQ cannot support boot OMQ naming service at start up, OTMQ naming service TMQ_NA must boot first.

Known Issues

The following table lists known issues.

Description and Workaround or Solution	Found In
Problem: Cannot use SSL in Tuxedo.	12c (12.1.1.0.0))
Platform: All	
Workaround: None. Skip the SSL setting during installation.	
Problem: OTMQ is not compatible with TUXEDO /Q MIB	
Platform: All	
Workaround: None.	
Problem: After enqueue message to a non-exisiting qspace, UMA action DLQ and DLJ model are not supported.	
Platform: All	
Workaround: None.	

See Also

- Oracle Tuxedo Message Queue Product Overview
- Oracle Tuxedo Message Queue Installation Guide
- Oracle Tuxedo Message Queue Administration Guide
- Oracle Tuxedo Message Queue Programming Guide
- Oracle Tuxedo Message Queue Reference