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e u r e x c l e a r i n g *circular 023/13*

Date: 19 February 2013
Recipients: All Clearing Members of Eurex Clearing AG, all Trading Participants of Eurex Deutschland and Eurex Zürich and Vendors
Authorized by: Thomas Book

High priority

Updated documentation for the support for WebSphere MQ for Eurex Clearing FIXML Interface and Eurex Clearing FpML Interface

Related Eurex Clearing Circular: 011/13

Contact: Technical Account Manager via your individual VIP number, cts@eurexclearing.com

Content may be most important for:	**Attachments:**
Ü All departments	none

Summary:

Eurex Clearing will offer WebSphere MQ as connection alternative to the Eurex Clearing FpML Interface for EurexOTC and Eurex Clearing FIXML Interface for derivatives. WebSphere MQ will be supported for the simulation and production environments with effect from **March 2013**. This service will be offered by Deutsche Börse, the service provider of Eurex Clearing and requires a conclusion of a network service basic agreement. For the Eurex Clearing FpML Interface, WebSphere MQ is already supported in simulation and production. This connection alternative is provided in addition to the standard connection via AMQP (Advanced Message Queuing Protocol). Members who select a WebSphere MQ connection will be migrated stepwise to this additional connection alternative.

The updated documentation now contains information for AMQP and WebSphere MQ as transport layers. The new documentation for the Eurex Clearing FIXML Interface can be downloaded from the Eurex Clearing website www.eurexclearing.com under the following link:

Resources > Technology > System documentation Eurex Release 14.0 > Interfaces > Eurex Clearing FIXML Interface

The new documentation for the Eurex Clearing FpML Interface can be downloaded from the Member Section of the Eurex Clearing website under the link:

Clearing Resources > Releases > EurexOTC Clear > IRS Release 2.0 > Interfaces > Eurex Clearing FpML Interface

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Updated documentation for the support for WebSphere MQ for Eurex Clearing FIXML Interface and Eurex Clearing FpML Interface

Eurex Clearing will offer WebSphere MQ as a connection alternative to the Eurex Clearing FpML Interface for EurexOTC and Eurex Clearing FIXML Interface for Eurex Exchange. WebSphere MQ will be supported for the simulation and production environments with effect from March 2013. This service will be offered by Deutsche Börse, the service provider of Eurex Clearing and requires a conclusion of a network service basic agreement. For the Eurex Clearing FpML Interface, WebSphere MQ is already supported in simulation and production. This connection alternative is provided in addition to the standard connection via AMQP (Advanced Message Queuing Protocol). Members who select a WebSphere MQ connection will be migrated stepwise to this additional connection alternative.

Eurex Clearing has updated its documentation for the transport layer. Besides some minor modifications, the following important updates have been integrated into the new set of documents:

- One common set of documents is now available for the transport layer. This set of documents covers the Eurex Clearing FIXML Interface and the Eurex Clearing FpML Interface.
- "*Volume 2: Connectivity*" now contains information for both transport layers: AMQP as the preferred transport layer and WebSphere MQ as an alternative transport layer.
- "*Volume 2: Connectivity*" now contains the description for the certificate generation for AMQP as a transport layer. The detailed description about the setup of the AMQP queues has been moved to the new document "*Volume 2E: AMQP Setup & Internals*".
- "*Volume 2A: WebSphere MQ Connectivity*" which described the client to server solution is now obsolete and is officially withdrawn.
- "*Volume 2B: AMQP Programming Guide*" contains no longer the instructions for generating certificates for AMQP as a transport layer. Furthermore, the source code for .NET has been updated.
- "*Volume 2C: Compiling Apache Qpid on Solaris*" is now officially available for the Eurex Clearing FpML Interface and is intended for system designers and programmers who wish to develop/adapt their client application on Oracle Solaris to interact with the AMQP brokers of the Eurex Clearing FIXML Interface or the Eurex Clearing FpML Interface.
- "*Volume 2D: Simplified broker setup*" is now officially available for the Eurex Clearing FpML Interface gives information about the setup of the broker for test installations.
- "*Volume 2E: AMQP Setup & Internals*" is new and contains detailed information about the queue setup for AMQP as a transport layer.

The new documentation for the Eurex Clearing FIXML Interface can be downloaded from the Eurex Clearing website www.eurexclearing.com under the link:

Resources > Technology > System documentation Eurex Release 14.0 > Interfaces >
Eurex Clearing FIXML Interface

The new documentation for the Eurex Clearing FpML Interface can be downloaded from the Member Section of the Eurex Clearing website under the link:

Clearing Resources > Releases > EurexOTC Clear > IRS Release 2.0 > Interfaces >
Eurex Clearing FpML Interface

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