X-pand into the Future

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Recipients: All Trading Participants of Eurex Deutschland and Eurex Zürich and Vendors
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Decommissioning of Enhanced Transaction Solution Gateway Infrastructure in the secondary Data Center in the Eurex Exchange Production Environment

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

Summary:

Decommissioning of Enhanced Transaction Solution gateway infrastructure

In June 2011, Eurex Exchange introduced new state-of-the-art hardware for the Enhanced Transaction Solution gateways and consolidated the new gateway infrastructure in the Equinix data center in Frankfurt. As a result, gateway processing times of Enhanced Transaction Solution transactions for participants located in the co-location facility improved significantly.

In October 2011 Eurex Exchange completed its infrastructure migration with the consolidation of the host infrastructure also in the Equinix data center. Following the infrastructure migration, the remaining Enhanced Transaction solution gateways located in Eurex's secondary data center are no longer optimized for low latency or highest performance. The remaining gateway infrastructure will now be decommissioned from **Monday, April 2, 2012**.

Disaster Recovery

Trading participants currently making exclusive use of the co-location facility are also strongly recommended to consider a separate dedicated backup installation for disaster recovery purposes to cater for the unlikely event of a complete loss of the Equinix data center.

This circular provides more detailed information relating to the decommissioning of the old Enhanced Transaction Solution gateway infrastructure and provides additional information regarding the provision of a disaster recovery facility.

If you have any questions or require further information, please contact your Technical Account Manager using your VIP number, or tel. +49-69-211-1 12 00, or via e-mail to: cts@eurexchange.com.

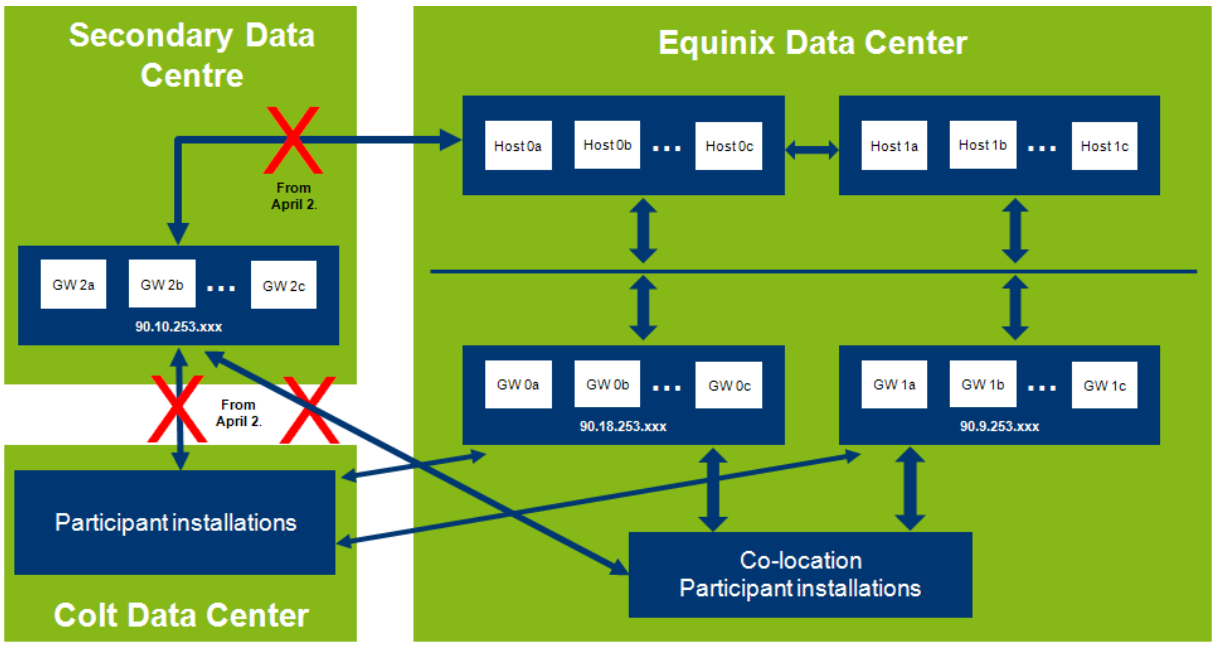
Decommissioning of Enhanced Transaction Solution Gateway Infrastructure in the secondary Data Center in the Eurex Exchange Production Environment

Decommissioning of Enhanced Transaction Solution gateway infrastructure

Following the final migration and consolidation of the Eurex Exchange host and Enhanced Transaction Solution gateway infrastructure in the Equinix data center in October 2011, the remaining gateway infrastructure located in Eurex's secondary data center are no longer optimized for low latency or highest performance.

The optimal gateway infrastructure in Equinix for the Enhanced Transaction Solution is located in the subnets with the IP address ranges 90.9.253.0/24 and 90.18.253.0/24. Participants still using the old Enhanced Transaction Solution gateways in the secondary data center with the IP address ranges 90.10.253.0/24 are required to amend their routing tables by adding the new subnet 90.18.253.0/24.

The following diagram represents the current production environment for participants located in the Colt data center and the co-location participants in the Equinix data center and highlights the changes which will become effective from **Monday, April 2, 2012** onwards.



All participant sessions have been configured to access the gateways within the 90.18.253/0/24 subnet and can be used with immediate effect. The individual gateway IP addresses to Enhanced Transaction Solution session assignments are contained in the response to the Enhanced Transaction solution session logon.

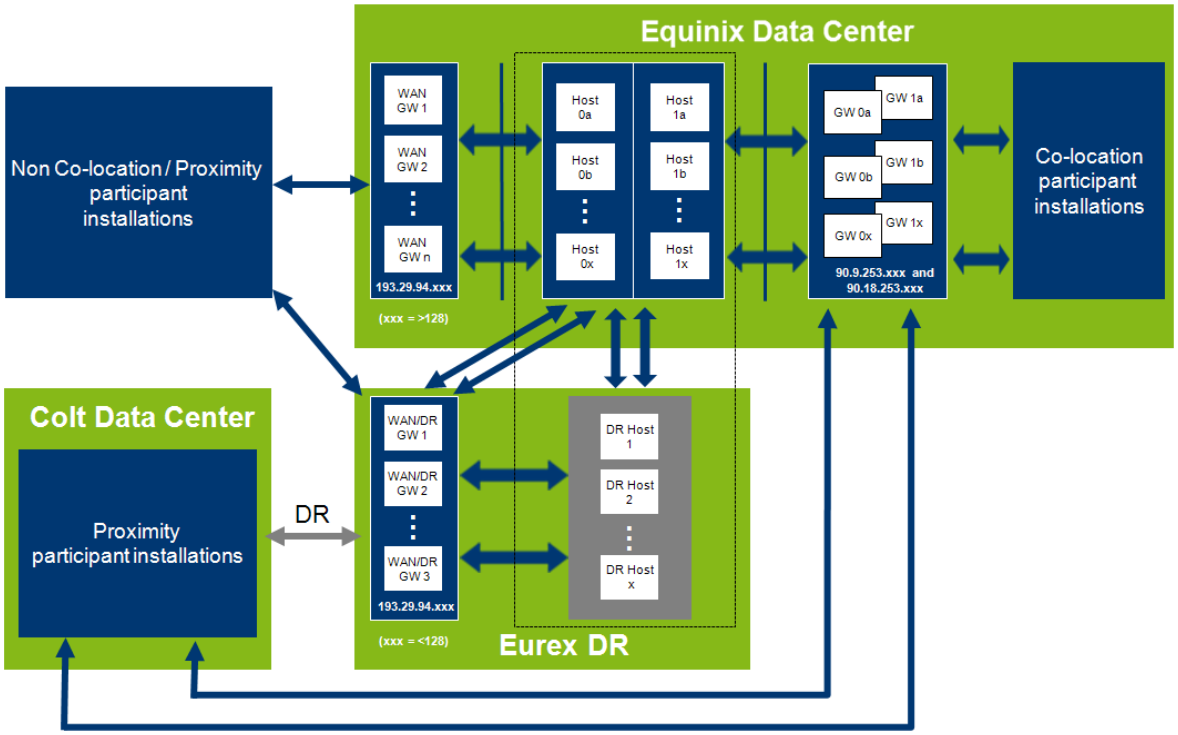
Disaster Recovery

The Eurex data center concept encompasses a primary site in the Equinix data center and a disaster recovery (DR) site in a secondary data center. The primary site hosts the active matching engines whilst additional matching engines in the DR site operate in hot-standby-mode for the unlikely event of a complete loss of the Equinix data center.

In the unlikely event of a failover, automated failover mechanisms will assign all products to the matching engines located in the DR site and a redundant data storage concept will ensure that there will be no loss of persistent data.

A connection to the Eurex DR site is already possible for participants located in the Colt proximity data center whilst co-location participants located exclusively in the Equinix data center are highly recommended to consider a dedicated backup installation for DR purposes outside of Equinix.

The following diagram provides a representation of the Eurex data center concept and the opportunities for the provision of a disaster recovery facility:



Once a disaster recovery installation and the appropriate connection has been established, participants can specify which of their existing Enhanced Transaction Solution sessions should be assigned to the WAN/DR gateways. The WAN/DR gateways are located in the subnet 193.29.94.xxx (where xxx < 128).

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