2015-10-01

IT – Nasdaq Nordic Primary Data Center relocation in 2016 – Further details (37/15)

As previously communicated, Nasdaq Nordic will relocate its primary LUNDA data center operated by Verizon west of Stockholm, to the VASBY data center operated by DigiPlex at their facilities in Upplands Väsby, north of Stockholm (http://www.digiplex.com/locations/stockholm).

The new Nasdaq location requires that all connections need to be redirected to the new address. Please make sure that you as client connecting to any Nasdaq services in Stockholm make your necessary arrangements with your connectivity provider to continue to ensure your connections to Nasdaq.

Time schedule

The primary data center relocation will be carried out using a phased approach. Estimated time schedule for the relocation is as follows:

- **November-December 2015:** The VASBY data center external IP prefixes will be published
- **January 2016:** General member connectivity guidelines per system will be published
- **February 2016:** Customers will be able to perform network connectivity tests to Nasdaq demarcation point in the VASBY data center. Customer access to the co-location area will be available. Start of communication of member specific connectivity details (when applicable)
- **March-April 2016:** Pre-Production systems will be available for customer testing in the VASBY data center
- **April-May 2016:** Mandatory customer testing
- **June 2016:** The last Production systems, INET (Trading for Nordic Cash Equities) and Genium INET (Trading and Clearing for Nordic Derivatives, Commodities and Fixed Income) will be promoted to be the primary Production systems in the VASBY data center. The systems in the LUNDA data center will be discontinued

All systems will be live in the new VASBY data center in conjunction with the Genium INET release on June 2016.

In conjunction with the relocation, Nasdaq will upgrade some of the systems. Communication for each system affected will be distributed separately via the usual channels.

Overview of the relocation for the main systems

System	Pre-Production environment available in the VASBY data center	Mandatory testing period	Migration completed
INET	March 2016	April-May 2016	June 2016
Genium INET	April 2016	April-May 2016	June 2016
WIZER and other BROKER SERVICES systems	March 2016	TBA[1]	May-June 2016
GCF	March 2016	April-May 2016	May-June 2016
Remaining systems[2]	TBA[3]	April-May 2016	May-June 2016

[1] Information regarding mandatory testing will be announced in the beginning of 2016

[2] The complete list of remaining systems is available at the Data Center Relocation website:
http://www.nasdaqomx.com/transactions/technicalinformation/data-center-relocation

[3] Availability for Pre-Production systems to be decided

Migration information for the main systems

In the current setup, LUNDA data center is the primary Production site and PORT data center the failover Production site. After the primary data center relocation has been completed, the VASBY data center will become the primary Production site and PORT data center will remain as the failover Production site. LUNDA data center will no longer be used by Nasdaq.

Migration information – INET (Nordic Cash Equity markets)

- INET Pre-Production system will be launched in VASBY during March 2016
- VASBY will be launched as a failover Production site, together with PORT. LUNDA remains as the primary Production site until launch weekend
- During the launch weekend, VASBY will be promoted to the primary site for INET Production
- The old environment in LUNDA will be discontinued

Migration information – Genium INET (Nordic Derivatives, Commodities and Fixed Income markets)

- Genium INET Pre-Production system will be launched in a new environment both in VASBY and in PORT in April 2016
- During the launch weekend, VASBY will be promoted to the Genium INET primary Production site, and the new environment in PORT will receive the failover Production site status
- The old environments in LUNDA and PORT will be discontinued

Migration information – WIZER and other BROKER SERVICES systems

- The existing systems in LUNDA will be relocated to VASBY
- There will be no changes in the target IP addresses when WIZER and other BROKER SERVICES systems move to VASBY

Migration information – GCF (Genium Consolidated Feed – Market data)

- GCF Pre-Production system will be launched in a new environment both in VASBY and in PORT
- During the launch weekend, VASBY will be promoted to the GCF primary Production site, and the new environment in PORT will receive the failover Production site status
- The old environments in LUNDA and PORT will be discontinued

Migration information – Remaining systems

Migration details for remaining systems will be published at the Data Center Relocation webpage: http://www.nasdaqomx.com/transactions/technicalinformation/data-center-relocation

Extranet customers and customers with leased lines

All customers currently connected with leased lines or via an extranet provider to Verizon's LUNDA data center **need to establish new connectivity to the VASBY data center**. If yet not done, please contact your connectivity provider as soon as possible to start the process.

Co-location customers

Access to the co-location area in the VASBY data center will be available in February 2016.

NODE customers

NODE customers will be connected to the VASBY data center via existing infrastructure.

IT-Notices

We will publish updates regarding the primary data center relocation via IT-Notices. Make sure that you have signed up for "IT Information" at http://www.nasdaqomxnordic.com/news/marketnotices/Subscribe

New website and newsletter

A new website has been launched for providing continuous updates regarding the primary data center relocation: http://www.nasdaqomx.com/transactions/technicalinformation/data-center-relocation. A newsletter will be published on this page at regular intervals.

Contact

General questions:	**Sales, Co-location and NODE related questions:**
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Project related questions can also be directed to technicalrelations@nasdaq.com.

Best regards,

Nasdaq Nordic and Nasdaq Baltic

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