Dear All,

We would like to remind everyone that the **UAT Inter-Region DR environment (UAT-DR)** is available to all DSB users and **Phase 1** is in place running for 4 weeks from **23rd September 2019 to 20th October 2019**.

The DSB operates two environments for UAT:

- **UAT**, in which both Fee and Non-fee paying users may use to integrate with upcoming DSB software releases.
- **UAT2**, which is accessible only to Fee paying users, which is a mirror of the current Production environment for end to end software integration testing.

UAT-DR
Phases 1 & 2 will not affect UAT or UAT2 availability. The dates for these Phases are mentioned in the notification and available [here](#).
Phase 3 will affect UAT (pre-release), with non-participants effectively losing UAT access during invocation. Dates for Phase 3 are yet to be announced.

During the UAT-DR phase 3, qualifying users may use the UAT2 environment which will not be interrupted. Users may onboard to UAT2 beforehand (link [here](#)).
Non fee paying users can maintain their access to UAT by participating in all phases of UAT-DR.
Fee paying user who require pre-release UAT validation will need to participate in all phases of UAT-DR.

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ANNA
ISIN NUMBERS THE WORLD
DSB | Derivatives Service Bureau

12th September 2019

NOTIFICATION: DSB UAT Inter-Region Disaster Recovery Testing

Audience: All DSB Users

Notification details:

The purpose of this notification is to advise users of the following:

- Announcement of the DSB UAT Inter-Region Disaster Recovery Testing exercise schedule

- UAT Inter-Region DR environment (UAT-DR) availability to all DSB users.

Background:

The DSB infrastructure is highly-available spanning 3 active data centres in a hot-hot-hot configuration, however ongoing consultation with the TAC (here) has resulted in the DSB proposing an Inter-Region DR test with users. This program will incorporate a number of Phases, beginning with work to ensure all client types can route to and integrate with the DSB UAT-DR site situated in the North America (NA) region.

Please refer to the high level approach documentation of the DSB UAT-DR Testing here.

UAT-DR Phase 1 (Connectivity: Client preparation in Secondary Region):

- The DSB will provide all relevant DSB UAT-DR environment details to participating clients-to perform network connectivity tests (via the registration forms).
- Ensures all user types can route and connect to the DSB UAT-DR site situated in the NA region successfully at a basic network level.
- The registration forms will made be available on the DSB website (here), Please note that users who wish to participate must have an existing UAT account.

UAT-DR Phase 2 (Application: Client preparation in Secondary Region):

- Participating clients performing functionality tests at this phase will be activated & advised of credentials by Technical Support for use in the UAT-DR environment. Participating clients with an API access must have passed the Phase 1 connectivity test.
- Ensures all user types can perform relevant DSB ISIN functions applicable to their user category (programmatic FIX, programmatic ReST, GUI access) in the UAT-DR.
- UAT-DR registration will still continue during this timeline.

- Similarly to the creation of the DSB UAT2 environment, the UAT-DR environment will be initialised with an empty ISIN database. ISINs produced for testing in this environment will be separate from those in the existing primary UAT.

UAT-DR Phase 3 (Failover - dates to be confirmed):
Subject to review and validation of Phases 1 and 2, with actual dates to be announced later.

- The current live UAT environment (FIX, ReST & GUI endpoints) will be failed over to the infrastructure in the secondary region (UAT-DR in phases 1 & 2) for an 8 week period.
  - FIX endpoints: fix-uat.anna-dsb.com/fix1-uat.anna-dsb.com
  - ReST/GUI endpoints: uat.anna-dsb.com
- Prior to the failover, the UAT-DR database will be cleared of test data and placed into synchronisation with the Primary UAT in EU.
- Failback will occur after this 8 week period.
- Full documentation regarding this Phase will be provided in an upcoming notification.
- Please note, the Primary EU UAT environment will be completely unavailable during these timeline to ensure valid DR invocation.

Timelines:

- All UAT-DR forms will be available here on the ANNA-DSB website from the **16th September 2019**.
- API Users may submit UAT-DR forms starting from **16th September 2019** and Technical Support will process their application within 5 working days.
- Phase 1 is scheduled to Run for 4 weeks beginning **23rd September 2019** to **20th October 2019**.
- Phase 2 is scheduled to Run for 3 weeks beginning **21st October 2019** to **10th November 2019**.

- Phase 3 is not currently scheduled. An announcement regarding the dates for this phase will be made a later date.