



12th April 2024

NOTIFICATION: DSB Inter-Region Disaster Recovery Testing 2024

Audience: All DSB Users

Notification details:

The purpose of this notification is to advise all DSB users of the scope and schedule for the 2024 Annual Disaster Recovery Testing in both UAT and Production.

Background:

The DSB infrastructure is highly-available within a primary region with a warm standby in a secondary region. The DSB has been in discussion with the Technology Advisory Committee (TAC) regarding the approach for the annual Disaster Recovery (DR) tests.

Following the introduction of both the UPI service and MongoDB Atlas, the DSB will undertake a further test in UAT prior to undertaking a test in Production. The tests will follow the same high-level sequence which has been reviewed by the TAC:

- Failover to the secondary region during the routine downtime window* and reverse the information flow from secondary to primary.

- Run the service from the secondary region for a period of two weeks.
- Failback to the primary region during the downtime window* and reverse the information flow from primary to secondary.

UAT Endpoint Details:

The affected DSB endpoints are as follows:

FIX:

- fix-uat.anna-dsb.com
- fix1-uat.anna-dsb.com
- fix2-uat.anna-dsb.com

ReST:

- uat.anna-dsb.com

GUI:

- <https://uat.anna-dsb.com/>

Please note:

- During the failover period the primary UAT environment will be completely unavailable to ensure valid DR invocation.
- Once the testing activity has completed the UAT-DR environment will be completely unavailable as usual.

Action Required:

- Users who use the DSB's published UAT aliases should not need to take any action. However, users who have not been part of a DSB DR test before should ensure that they have configured the secondary IP addresses in their networks.
- Users who reference the DSB's IP addresses directly will need to make the appropriate changes to their configuration so they are in line with the addresses referred to by the DSB's aliases.
- To take part in the UAT DR test, UPI service users of the UAT3 environment must migrate over to the UAT environment. The UAT3 environment is not contingent and is being decommissioned at the end of April 2024.

Implementation timeline:

UAT:

- Failover: Saturday 11th May 2024 00:30 UTC to 12:30 UTC
- Failback: Saturday 25th May 2024 00:30 UTC to 12:30 UTC

PRODUCTION:**

- Failover: Sunday 16th June 2024 00:30 UTC to 12:30 UTC
- Failback: Sunday 30th June 2024 00:30 UTC to 12:30 UTC

Please contact the DSB Technical Support Team if you have any questions in relation to this notification.

Kind regards,

DBS Technical Support Team

*For more information on the DSB's operating hours, please refer to the DSB's environments page (<https://www.anna-dsb.com/ISIN/#isin-environments>)

**The implementation dates for the PRODUCTION test are currently tentative and subject to the successful completion of UAT DR testing.