23rd November 2024

Dear Users,

This is to inform you that the **Failover to PROD-DR** for the **DSB Inter-Region Disaster Recovery Testing 2024** has been successfully completed.

Users may now try to connect and access the DSB PROD environment.

Note that the **Failback to PROD** will commence on Sunday 24th of November at 12:00 PM UTC. You will receive a notification prior to the start of the PROD failback to switch back to the primary environment.

Please contact the technical.support@anna-dsb.com if you encounter any connectivity or technical issues in the duration of the DSB PROD-DR Failover.

Kind regards,
DSB Technical Support Team

23rd November 2024

Dear Users,

This is to inform you that the **Failover to PROD-DR** for the **DSB Inter-Region Disaster Recovery Testing 2024** will now commence. You will receive another notification once this activity is completed.

Please contact the technical.support@anna-dsb.com if you have any questions in relation to this notification.

Kind regards,
DSB Technical Support Team

DERIVATIVES SERVICE BUREAU

21st November 2024

NOTIFICATION: DSB Inter-Region Disaster Recovery Test 2024

Audience: All DSB Production Users

Notification details:

The purpose of this notification is to advise all DSB users that we will be conducting a test of the 2024 Annual Disaster Recovery Tests and its scope in the Production environment.

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 a Database Upgrade, the DSB completed the test in UAT and we will proceed with testing in Production. The tests will follow the same high-level sequence which has been reviewed by the TAC:

- An extended maintenance window will be setup a day before the actual production maintenance window to perform the failover to the secondary region and reverse the information flow from secondary to primary
- Run the service from the secondary region for a period of 29.5 hours
- Failback to the primary region during the Production maintenance window and reverse the information flow from primary to secondary.

Production Endpoint Details:

The affected DSB endpoints are as follows:

FIX:

- fix-prod.anna-dsb.com
- fix1-int-prod.anna-dsb.com
- fix2-prod.anna-dsb.com

ReST - prod.anna-dsb.com

GUI - https://prod.anna-dsb.com

COSP - https://cosp.anna-dsb.com

Please note:

- During the failover period, the primary PROD environment will be completely unavailable to ensure valid DR invocation.

- Once the testing activity has completed the PROD-DR environment will be completely unavailable as usual.

Action Required:

- Users who use the DSB's published PROD 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.

Implementation timeline:

Failover Timeline (Saturday, 23rd November 2024)

- Saturday 00:30 UTC: PROD will be unavailable.

- Saturday 02:30 UTC: The DSB will commence the PROD failover runbook.

- Saturday 06:30 UTC: The system is expected to run in the secondary PROD-DR environment.

- Saturday 06:30 UTC to Sunday 12:00 UTC: Users are expected to connect to the secondary PROD-DR environment within a 29.5-hour user testing window.

Failback Timeline (Sunday, 24th November 2024)

- Sunday 12:00 UTC: The DSB will commence the PROD failback runbook.

- Sunday 18:00 UTC: The system will return to the primary PROD environment, and PROD-DR will be completely unavailable as usual.

Notes:

- The test is open to any DSB PROD users who wish to take part.

- The system will be returned to the primary region by 18:00 UTC on Sunday 24th November, resolving any connectivity issues identified.

Please contact technical.support@anna-dsb.com if you have any questions in relation to this notification.

For more information on the DSB's operating hours, please refer to the DSB's environments page[1].

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[1] https://www.anna-dsb.com/ISIN/#isin-environments