

2024 FIA Disaster Recovery Exercise – Nodal Exchange / Nodal Clear

Nodal Exchange LLC and Nodal Clear LLC are participating in the annual FIA Disaster Recovery Exercise (DRE), on **Saturday, October 5th, 2024**; and offering as preparation a Pre-Test on Saturday, September 14th, 2024, when participants will be able to test **between 8am and 10am EPT**.

Timeline (All times in EPT)¹

07:55 am - Nodal Internal switch from Primary to Secondary (DR) completion
08:00 am - Start of DR scenario test by Participants
10:00 am - End of DR scenario test
10:05 am - Start of failover back to Primary site/environment
12:00 pm - End of failover back to Primary site/environment
12:05 pm - Participants ready to sanity check Primary/Production if needed

During the Test, Nodal will failover to the DR site, which includes repointing our DNS to the DR site; and the IP addresses will change from Primary to Secondary, **but the DNS names will remain the same**; making it therefore seamless for those applying the best practice to always connect to Nodal using the provided hostnames rather than the IP addresses as there would be no setup change(s) required at both application and Network's (Firewalls) levels, and eliminating the risk of last minute rush and related challenges to sort out the connectivity in the event some IPs weren't already configured appropriately for the traffics to be allowed between locations.

Participants will use production login credentials and processes to access the platform; the system will be operating on the business day of Friday, October 4th, 2024; and all activities on the platform will be removed after the Test, i.e. will not persist after rollback to Primary site, so as not to interfere with all the actual and legitimate business activities.

A bridge will be opened on the day, as a placeholder to address any participant's request(s) and/or concern(s); invites to be provided a few days before the Exercise (To be determine); otherwise, participants may simply use the usual support contact for communication:

Call 703-962-9860 or email helpdesk@nodalexchange.com

The available test cases are listed below; but the "Screen Trading Activities" (4.) will not be available for the Pre-Test. Please be reminded that the **hostname will not change**, only the destination IP of the hostname. The IPs are provided such that your networking will allow traffic to and from both sites, but connections are highly encouraged to be established via hostname.

1. Test Scenario: sFTP Connectivity Testing

Once the failover has completed, the sFTP file server can be accessed using the same hostname and/or the secondary IP address.

Host Name:	files.nodalexchange.com
Primary IP Address:	216.230.24.15
Secondary IP Address:	216.230.26.15

¹ Shown times are estimates although expected to be relatively matched

2. Test Scenario: Logging into Nodal Platform

Host Name: apps.nodalexchange.com
Primary IP Address: 216.230.24.15
Secondary IP Address: 216.230.26.15

Once the failover has been completed you will be able to utilize the Nodal Platform as on a regular business day, e.g.: view trades, open positions, account balances, enter collateral instructions, add/change/delete users, etc.

3. Test Scenario: FIX Connectivity Testing

Once the failover has completed, the FIX Gateway agent can be accessed using the same hostname and/or the secondary IP address; provided the source IP(s) have already been whitelisted by Nodal and the connection(s) SSL enabled (TLS 1.2 minimum version).

Host Name: gateway.nodalexchange.com
Primary IP address: 216.230.24.16
Secondary IP address: 216.230.26.16
Port: 9883

4. Test Scenario: Screen Trading Activities

Trading participant(s) to use the credentials provided for applicable Front-End system(s) to validate order/trade entering and flow(s).