Incident Reporting Form - Preliminary Report (Revised)

| 1. Letter/ Report Subject - | Reporting of technical glitch to the exchange | |
|---|--|--|
| Name of the Member Member Code - | Zerodha Broking Limited NSE: 13906, BSE: 6498 | |
| 2. Designated Officer (Reporting Officer details) | | |
| Name: Venu Madhav | | |
| 3. Date & Time of Incident & Incident duration | 22-11-2022, 09:23 AM, 47 minutes | |
| 4. Incident Description & chronology of events (please use additional sheets) | Annexure 1 | |
| 5. Business Impact | Annexure 2 | |
| 6. Immediate action taken (please give full details)(please use additional sheets if necessary) | Annexure 3 | |
| 7. Date & Time of Recovery | 22-11-2022, 10:10 AM | |
| 8. Root Cause Summary (Pl attach the detailed Report separately) | This will be filled as a part of the RCA. | |
| 9. Back up measures available | This will be filled as a part of the RCA. | |
| 10. Details of long-term action (please give full details) (please use additional sheets if necessary) | This will be filled as a part of the RCA. | |

Annexure 1:

- 1. Order display and order modification on our trading platform were impacted intermittently for a set of clients from 09:23 AM to 10:10 AM owing to what seems to be an issue with the RAM on one of the servers at Refinitiv's end (exchange empanelled RMS and OMS vendor).
- 2. While the issue of order display issue was on the orders page, the users could still see the executed orders normally on the Kite positions page.
- 3. The said issue <u>did not</u> affect all users, but only a set of users operating out of a particular Silo.
- 4. The placement of new orders was **<u>not affected.</u>**
- 5. The issue was fixed by the Refinitiv team.
- 6. RCA from our OMS vendor Refinitiv is awaited.

Annexure 2:

There was an intermittent issue with the Orders display and order modification temporarily on Kite for some of our users.

- 1. The issue was Intermittent.
- 2. A small section of our clients were impacted by the incident. Order display issue impacted about 94200+ clients whereas the Order modification issue impacted about 9900+ clients.
- 3. There were very few complaints (1000+ calls and 600+ tickets).
- 4. Call and trade desk was open for the impacted users.
- 5. Customers were informed about the issue via a banner on the support portal, a bulletin on our website and a tweet on Twitter.

Annexure 3

- 1. We immediately notified the Refinitiv team by raising a ticket.
- 2. A <u>bulletin</u> was put up on our website informing clients about the issue.



Holiday calendar

22 Nov 2022, 09:23 AM

Intermittent issue for order status on Kite [Resolved]

Update [10:10 AM]: The issue is resolved. We are sorry for the inconvenience caused.

Few of our users are unable to check or modify their orders on Kite. Executed orders will show up normally on the Kite positions page. We are working on resolving this issue. Please check the postions before placing new orders.

3. A banner was also put up on our Support portal.

| Support Portal <u>English</u> <u>हिंदी</u> | | Track tickets | |
|--|---|--|--|
| Search for an answer or browse help topics to create a ticket | | Featured Few of our users are unable to check or modify their | |
| Eg: how do i activate F&O, why is my order getting rejected | Q | orders on Kite. Executed orders will show up normally on the Kite positions page. We are working on resolving this issue. Please check the postions before placing new | |
| Track account opening Track segment activation Intraday margins Kite user manual | | orders. | |

- 4. We also posted a tweet on our official Twitter handle about the issue.
- 5. We added a message on IVR for the clients calling us on our support line informing them about the issue.