

National Stock Exchange Of India Limited**Department : Member Service**

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All Members,

Sub: Connectivity – Advisory

The Exchange is cognizant of the importance of redundancy to ensure continuity of services. To this aim, the Exchange provides enough redundancy options to members for connectivity, enabling them to create network resiliencies. The Exchange, on multiple occasions, has communicated to members the importance of having resilient connectivity systems to ensure continuity of services to their clients. Members have been informed and advised to deploy one or more of the below mentioned redundancy options to ensure continuity of their business operations as per their requirements.

Connectivity Type: Various connectivity options are available to the members for connecting to Exchange trading platform and other exchange provided applications via. leased lines, MPLS, Colocation, internet and Application Service Providers. Members should consider utilising a mix of such options wherever technically feasible.

Connectivity Fall Back: Members should consider opting for multiple leased lines or dual line leased line or MPLS scenarios.

Point Of Presence (POP): Exchange provides Lease Lines through multiple POP locations. Accordingly, members should consider creating redundancy by seeking connectivity through multiple POPs.

Telecom Service providers: Exchange has empanelled multiple last mile telecom service providers. Accordingly, members should consider creating redundancy at service provider level by seeking lines from a mix of service providers.

Hardware i.e. Routers: Exchange enables redundancy at router level. Members can choose to connect using single router / dual routers for creating router level redundancy in leased lines or MPLS type of connectivity.

The Exchange is not a telecom service provider, however, to facilitate its members to procure connectivity to its trading system, the Exchange takes proactive steps to engage with last mile connectivity providers. It is solely a member's responsibility to procure and maintain their network architecture, build adequate redundancies, assets and connectivity. Members should note that National Stock Exchange of India Limited ("NSEIL") is only a facilitator of this service. Neither NSEIL nor its directors, managers, officers, employees or agents, guarantee the costs, delivery timelines functioning of the connectivity, SLAs, performance, uptime, etc. ("Service") provided by Network Integrators and last mile telecom service providers. NSEIL does not warrant the accuracy, adequacy or completeness of this Service and expressly disclaims liability for errors or omissions in the same. NSEIL does not provide any warranty of express or statutory nature including but not limited to the warranties of title, merchantability, fitness for a particular purpose or for any non-performance or interruption or incidents in relation to Service. In no event, will NSEIL be liable for any damages, including without limitation direct or indirect, special, incidental or consequential damages, losses or expenses arising in connection with this Service or use thereof or inability to use by any party, or in connection with any failure of performance, error, omission, interruption and/or defect. Members shall take due care and shall solely be responsible for creating back-ups in terms of connectivity with NSEIL.'

**For and on behalf of
National Stock Exchange of India Limited**

**Heena Pendharkar
Associate Vice President**

Toll Free No	Fax No	Email id
1800-266-0050	+91-22-26598449	msm@nse.co.in