

**NATIONAL STOCK EXCHANGE OF INDIA LIMITED****DEPARTMENT : MEMBER SERVICE**

Download Ref No : NSE/MSD/37300

Date : March 26, 2018

Circular Ref. No : 006/2018

To All Members,

**Sub: POP network changes - Discontinuation of A3 & A5 scenario**

NSE's nationwide POP network is a dedicated backbone network for members to connect to NSE's trading platform via Leased lines (LL). The Exchange continuously reviews and enhances its connectivity framework to empower its members in their business operations. The Exchange is now pleased to announce that the current POP infrastructure is being augmented with upgraded network facilities to create a Digital Distribution Architecture which shall be highly reliable, resilient, secure and flexible.

In order to bring about such enhanced network availability, the Exchange shall overhaul its existing POP networks with a new architecture. However, in order to ensure maximum convenience to members during the transition mode, such changes shall be rolled out in a phased manner and details shall be communicated through circulars on a periodic basis.

Enlisted below are the salient features of the proposed network enhancements:

- 1) POP network will be expanded to many more cities to boost local connectivity for members.
- 2) All POPs will be capable of providing High Bandwidth Leased Lines (HBLL).
- 3) All LL connecting to new POPs will be based on Ethernet technology with minimum bandwidth of 4 Mbps.
- 4) Existing 2 Mbps Standard Bandwidth Leased Lines (SBLL) of members shall be replaced with new 4 Mbps High Bandwidth Leased Lines (HBLL) to new POPs.
- 5) New application for SBLL are being discontinued with immediate effect on POPs where HBLL services are available.
- 6) The bandwidth options available for members would be 4,6,8,10 or 20 Mbps.
- 7) The Network Integrator (NI) for POP network shall undergo change. However, for VSAT services, HCL Comnet Ltd shall continue as NI.
- 8) Members will be provided two options of service modes for their POP network based LL connectivity. Salient features of these modes are provided in Annexure 1.
  - Managed Service (MS)
  - Self Service (SS)

- 9) Exchange shall endeavour to provide triple /quadruple locking facility for user ids to augment redundancy.
- 10) There shall be no change in the current MPLS offering.

As a part of implementation of this initiative, members are requested to note the below changes:

- 1) A3 (single leased line & VSAT as a backup) and A5 (dual leased lines & VSAT as a backup) scenarios will be discontinued.
- 2) Fresh requests towards such scenarios and merger/demerger etc. requests which may result in creation of such scenarios shall be discontinued with immediate effect.
- 3) Members currently having active connectivity under A3 and A5 scenarios are requested to demerge/surrender them by **April 22, 2018**. For the benefit of members who are not able to do the needful by the due date, the Exchange shall process demerger of such scenario on April 23, 2018.
- 4) Escalation matrix of HCL Comnet Ltd is attached as Annexure 2 for assistance.
- 5) A1 (single VSAT) scenario will continue to be available.
- 6) Members are encouraged to consider dual lock of their VSAT based user ids for redundancy.
- 7) There shall be no other change in the current procedure, charges etc. related to VSAT.

In order to bring about a seamless transition towards the new digital distribution architecture, Members are requested to kindly co-operate and adhere to the processes/timelines provided in this regard from time to time.

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

**Heena Pendharkar  
Senior Manager**

| Telephone No  | Fax No          | Email id      |
|---------------|-----------------|---------------|
| 1800 266 0053 | +91-22-26598155 | msm@nse.co.in |