

National Stock Exchange of India Limited

Circular

Department: MEMBER SERVICE DEPARTMENT	
Download Ref No: NSE/MSD/73958	Date: April 29, 2026
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All Participants,

Sub: Co-location - Consolidated Circular

Exchange has been issuing various circulars from time to time for content relating to Colocation Facility. This consolidated circular replaces earlier consolidated circular NSE/MSD/67756 dated April 29, 2025, on the captioned subject. This Consolidated circular is prepared which is a compilation of subsequent circulars related to Colocation facility issued till April 20, 2026. This consolidated circular encapsulates regulations / instructions of all earlier circulars issued by Exchange from time to time and new instructions as applicable.

The circular covers all aspects of Co-location services. Circulars for matters pertaining to connectivity offering via POP (Point of Presence) based Leased Line connectivity and User ID are to be referred to separately.

Participants desirous of availing Co-location facility or who have already subscribed to Exchange's Co-location facility shall have to strictly abide by the Co-location access policy, Guidelines (updated from time to time) and Circulars, at all times. Additionally, all communications/ instructions/ circulars/ directions from the Exchange have to be complied with in this regard. Any non-compliance shall invite disciplinary action by the Exchange which will be in accordance with Exchange Byelaws, Rules and Regulations.

Participants are requested to note that Exchange will provide co-location facility on a best effort basis and shall not be responsible for any direct/indirect/consequential loss/damage/claim of any kind for any reason whatsoever including but not limited to power failure, air conditioning failure, system failure and loss of connectivity etc. Further, the Exchange shall not be liable for discontinuation of co-location facility owing to legal and/or regulatory requirement. Colo participants are requested to note that the Exchange Co-location facility does not have a separate BCP / DR site and Co-location is not available in the Exchange's DR facility. Considering the current technology intensive environment in which Indian Securities market operates, to ensure stability in operations of colo participants and to protect the interest of investors and market at large, colo participants are advised to sufficiently review all potential risks along with its impact on the business and put in place Business Continuity Planning (BCP)/Disaster Recovery (DR) systems.

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No information has been rescinded for this consolidation, however, in future for any rescinded information, members may note the below:

Notwithstanding such rescission,

- I. Anything done or any action taken or purported to have been done or contemplated under the rescinded guidelines before the commencement of this Master Circular shall be deemed to have been done or taken or commenced or contemplated under the corresponding provisions of the Master Circular or rescinded guidelines whichever is applicable.
- II. The previous operation of the rescinded guidelines or anything duly done or suffered thereunder, any right, privilege, obligation or liability acquired, accrued or incurred under the rescinded guidelines, any penalty, incurred in respect of any violation committed against the rescinded guidelines, or any investigation, legal proceeding or remedy in respect of any such right, privilege, obligation, liability, penalty as aforesaid, shall remain unaffected as if the rescinded guidelines have never been rescinded.

In case of any technical queries relating to Co-location Services participants may contact the Colo support team on 022-26598815, 022-61124900 or mail on colosupport@nse.co.in . For all business-related queries participants can contact Member Service Department on 1800 266 0050 / or mail us at msm@nse.co.in

For and on behalf of
National Stock Exchange of India Limited

Bharat Gandhi
Associate Vice President

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National Stock Exchange of India Limited**CONSOLIDATED CIRCULAR
ON CO-LOCATION SERVICES****April 2026****NATIONAL STOCK EXCHANGE OF INDIA LIMITED**

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I. Introduction: -

In keeping up with the global trends and in continuation of service excellence, the Exchange is facilitating its members and vendors/algo providers (under CaaS) hereafter referred as “Participants” to co-locate their Non-NEAT Front end (NNF) infrastructure at NSE premises.

Following are some salient features of co-location facility:

1. Co-location facility is used exclusively for NNF trading (i.e., CTCL / IBT / STWT / DMA / ALGO / API / SOR etc.) on NSE.
2. Order Connectivity and market data connectivity will be provided on 10Gbps network port.
3. Facilities with dual UPS power source and 100% DG capacity which ensures uninterrupted power.
4. Multiple Precision air conditioning units, with N+1 redundancy ensuring optimal temperature at all times.
5. Basic IT services namely Help Desk (24*7), Hardware Checks, Incident Management (Level 1), On-site coordination, Daily reports, named resource (SPOC) for the account and Power ON/OFF / Boot on request will be provided.
6. Exchange has two Time Synchronization services in Co-location facility i.e., Network Time Protocol (NTP) & Precision Time Protocol (PTP). Interested participants can use the same by contacting colo support team. Participants at their discretion can use any of the Time Synchronization service as per their requirement.
7. Exchange provides Multicast TBT feed in CM, F&O & CD segments to all racks in Co-location facility. Participants need not request for MTBT activation on rack as the same shall be provided as default along with rack allotment.
8. Exchange has made available access to test market environment (upon request) and daily simulated market environment (Live like environment) to members from Co-location facility. Members may refer circulars issued from time to time regarding the said facilities.
9. The Exchange shall continue to review the offering and various applicable features, charges, eligibility criteria etc. from time to time based on the experience gained and inputs received from market participants / regulators etc.

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II. Rack and the services provided by the Exchange:

A. Rack: Rack is a designated space provided to the Participants in NSE premises. Racks in Co-location facility at the Exchange are provided in 4 variants as detailed below:

Particulars	High Power Density (HPD)	Full Rack	Half Rack	Quarter Rack
Rack Space (Standard Units)	42*2	42	21	9
Power	15KVA	6 KVA	3.5 KVA	1.75 KVA
Maximum Permissible Interactive IPS	80*2	80	40	20

Note:

- Co-location facility for Phase 1 to Phase 12 has 3 variants: Standard 42U Full Rack with 6KVA power, Half rack of 21U with 3.5KVA and Quarter rack 9U with 1.75KVA.
- Co-location facility for Phase 13 and onwards has following variants: High Power Density rack of 42U*2 with total 15KVA (7.5 + 7.5KVA) power, 42U Full Rack with 7.5KVA, Half rack of 21U with 3.75KVA and Quarter rack 9U with 1.87KVA power.
- The HPD rack variant shall be available from Colocation phase 13 onwards. Accordingly, Colo participants holding adjacent full racks in colocation facility phase 13 and onwards shall have an option to submit request for removal of section of side panel of allotted full racks for using the same as HPD rack, subject to conditions mentioned below.
 - Both Full racks requested for conversion should be adjacent to each other, sharing the partition wall/side panel.
 - Fulfilment of rack conversion request is subject to availability and feasibility of necessary infrastructure at the Exchange end.
 - Participants desirous of availing this facility may apply for the same as per Annexure 1.

B. Rack allotment process:

- Exchange has provided electronic member interface 'ENIT' to participants for submission of all requests detailed in the circular pertaining to Co-location facility.
- Participants intending to procure a rack shall be required to place rack allotment application via ENIT and subscribe to rack of their choice, if available. In case non-availability of racks, participants can submit a rack desire request through the same ENIT path.
- On submission of rack desire request:

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- i. Deposit amount equivalent to 50% of the rack charges shall be payable within 2 working days till 3.30 pm from the request submission date. The said amount shall be collected from members Exchange dues account.
 - ii. A request shall be considered complete only if the requisite payment is received within the prescribed timeline.
 - iii. An estimated timeline for provisioning of rack shall be communicated to participants on processing of such request.
 4. On provisioning of rack against a desire request:
 - i. Participants shall be informed via separate email alert.
 - ii. Participants shall be required to procure the provisioned rack by submitting the rack allotment request via ENIT within 3 working days from the date of such email alert.
 - iii. Participants will have an option to pass the available rack if they do not wish to subscribe for the same only if the rack variant available and variant requested in the rack desire are different. The same needs to be communicated via ENIT within 3 working days from the date of such email alert.
 5. In case no action is taken as mentioned in point 4 within the prescribed timeline, the deposit amount collected shall be forfeited and such desire request shall be deemed rejected. Further, no request for extension of timeline shall be considered.
 6. Participants are requested to read the user manual before submitting the request on ENIT. The same is available on ENIT (Co-location module path).
 7. The deposits against the rack desire requests shall be credited back to the Colo participant in line with the existing process upon allotment of the rack against the request or in case of cancellation of the request being submitted by the Colo participant as per scenarios communicated in separate section of the circular
 8. Member shall follow the existing process for user id as per Exchange circulars issued and updated from time to time.
 9. Separate waitlist queues shall be maintained by the Exchange for rack desire requests received.
 - a. 1st Waitlist - Requests submitted by members for FPI/FII clients or Domestic Investors.
 - b. 2nd Waitlist - New / Prospective members or CaaS vendors.
 - c. 3rd Waitlist - Existing members with less than X number of racks allotted (any variant)
 - d. 4th Waitlist - Existing members with X or more than X number of racks allotted (any variant)
- a. 1st Waitlist - Rack desire request by members for new FPI/FII clients/ Domestic Investors:**
1. Members applying for additional racks to host New FPI / FII clients or Domestic Investors (currently not trading from NSE colocation facility through any member) shall be included in the 1st waitlist and waitlist number shall be allotted to the request on FIFO basis.
 2. Rack desire requests submitted only through 1st member for only first 3 rack desire requests (any rack variant) for an FPI / FII clients or Domestic Investors shall be considered in the 1st waitlist.

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3. Members who wish to apply for rack desire request for FPI / FII clients will be required to submit a request letter as per Annexure 2 providing details of the FPI / FII clients client along with letter from the client as per Annexure 3 (to be submitted within T+2 working days of the rack desire request submission date).
4. Members can also apply for racks for Newly registered or Prospective FPI / FII client.
5. Members who wish to apply for racks desire request for Domestic Investor will be required to submit a request letter as per Annexure 4 providing details of the client along with letter from the client as per Annexure 5. (to be submitted within T+2 working days of the rack desire request submission date).
6. Member shall not be allowed to modify the client details for the pending rack desire request once submitted.
7. Subsequent rack desire request submitted for the same FPI / FII client / Domestic Investor by the member shall be included in waitlist queue of existing members. In such case member need not specify the details of the FPI / FII client / Domestic Investor.
8. In case any statement declared by member / client is found to be false the Exchange shall cancel the rack desire request / rack allotment against such rack desire request without intimation to member /client and the deposit amount if any shall be deemed forfeited.
9. Points to be noted while applying for racks for FPI / FII clients / Domestic Investors
 - o Members should surrender the rack allotted in case the client does not start utilizing the rack within 6 months of allotment.
 - o In case the FPI/FII client or Domestic Investor dissociates with the member, the member should surrender the racks back to the Exchange.

b. 2nd Waitlist - Rack desire request for new/prospective members/CaaS Vendors:

1. Any member who is currently not holding an active rack / rack desire at the time of submission of new rack desire request is considered as new member from perspective of Co-location facility and all rack desire requests submitted on the same day shall be included in the 2nd waitlist. A waitlist number shall be allotted to the request on FIFO basis.
2. Only first 10 rack desire requests (any rack variant) submitted by member on the same day shall be considered for inclusion in the 2nd waitlist.
3. Provisional members (members in the process of seeking membership registration of the Exchange and have been offered provisional membership) who wish to procure racks in Co-location may apply to the Exchange in physical format and email on msm@nse.co.in
4. Rack desire requests submitted subsequently by new/ prospective members shall be added to the waitlist queue of existing members.
5. Prospective members will be required to submit a physical form as per Annexure 6 (Rack Desire) and Annexure 7 (Rack Allotment) and email on msm@nse.co.in
6. CaaS facility being aimed to facilitate new members i.e. who do not hold any rack in colocation facility with the Exchange, any rack desire request submitted by CaaS vendors shall be considered at par with the new members i.e. under 2nd waitlist and waitlist number shall be allotted to the request on FIFO basis.

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c. 3rd and 4th Waitlists - Rack desire request for existing members:

1. Exchange shall maintain separate waitlist queues for Members having less than 10 racks (any rack variant) and members having 10 or more racks allotted (any variant).
2. Members having less than 10 racks (any rack variant) shall be included in 3rd waitlist and members having more than 10 racks (any rack variant) shall be included in 4th waitlist. A waitlist number shall be allotted to the request on FIFO basis in the respective waitlist queue.
3. In case a member who holds less than 10 racks applies for additional racks, the rack desire requests submitted by the member will be included in the 3rd waitlist till the count of rack (i.e. Rack allotted + rack desire request) reaches 10 racks (any rack variant).
4. Additional rack desire requests submitted by member above 10 count of rack (i.e. Rack allotted + rack desire request of any variant) will be included in the 4th waitlist.
5. In case a member who holds more than 10 racks any variant and also has pending rack desire request under 4th waitlist, surrenders few racks wherein his holding comes down to less than 10 racks, such rack desire request shall continue to remain in the 4th waitlist without any change in the waitlist number.

With respect to a, b and c members are also requested to note the following:

- Complete rack desire requests received shall be considered for allocating racks on first come first served basis based on the aforesaid waitlist queues.
- For rack desire requests submitted by member for a FPI / FII client or Domestic Investor, Members are required to submit a request letter as per the Annexures mentioned point a, sub-points 3 and 5. within T+2 working days of the rack desire request submission date.
- A waitlist number shall be allotted to all existing rack desire request submitted by participants bifurcated as per the 4 categories / wait lists mentioned above. The waitlist number shall be allotted based on FIFO basis of rack desire submission request date.

d. Reservation of available racks to respective waitlist:

1. All available racks for allotment shall be earmarked for respective waitlists as follows:
 - a. 15 % of available racks shall be allocated to 1st waitlist applicable for FPI / FII client or Domestic Investor.
 - b. Next 15 % shall be allocated to waitlist maintained for rack desire requests submitted by new/prospective members as per the 2nd waitlist
 - c. Next 25 % shall be allocated to waitlist maintained for rack desire requests submitted by Existing members with less than 10 racks allotted (any variant) as per 3rd waitlist.
 - d. Remaining 45 % shall be allocated to waitlist maintained for rack desire requests submitted by Existing members with 10 or more than 10 racks allotted (any variant) as per 4th waitlist.

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2. Complete requests received (along with prescribed rack deposit/charges) through rack desire module will be considered for provisioning for allocating racks in future on first come first served basis in the respective waitlist category.
3. Once new rack capacity is created or some capacity becomes available due to surrender of racks by any of the existing participants, based on the earmarked available racks for respective waitlist; an email alert shall be sent to participants listed in the rack desire module of the respective waitlist, sequentially informing them about the availability of racks and requesting them to submit the rack allotment request through ENIT. Such email alerts shall be sent sequentially to participants irrespective of the rack variant available and variant requested by the participant in the module.
4. Participants are required to procure the provisioned rack by submitting the rack allotment request via ENIT within 3 working days from the date of such email alert.
5. Participants have an option to pass the available rack if they do not wish to subscribe for the same only if the rack variant available and variant requested in the rack desire are different. The same needs to be communicated via ENIT within 3 working days from the date of such email alert.
6. In case no action is taken by the participant as mentioned in the above point within the prescribed timeline, the deposit amount collected shall be forfeited and such rack desire request shall be deemed rejected.
7. If the participant selects Pass option, the email alert shall be sent to the next participant in the rack desire list of the respective waitlist for subscribing the rack.

Note -

- Racks are made available on account of surrender of rack by existing members in colocation facility or in case new inventory is added to the existing capacity.
- For the purpose for earmarking available racks to a particular waitlist, the same shall be converted to Half Rack Equivalent (HRE) and then earmarked to respective waitlist.
- The % quota specified above is indicative due to the fact that Exchange currently has 3 rack variants i.e. Full, Half and Quarter for which members submit the rack desire request and exact % distribution may not be feasible. However, the same shall be considered as guiding principle for provisioning for allotment.
- Accordingly, the provisioning for allotment to respective waitlist category shall be in absolute count of racks and it may exceed or be of lower percentage than as defined above.
- Once the available racks are earmarked for a waitlist and there is a scenario where there is no rack desire request pending for allotment within the waitlist, all the available racks shall now be earmarked for provisioning of allotment to the other waitlists as per the applicable quota for fulfilling the rack desire requests.

e. Provision to transfer racks allotted to existing Colo participant to a new member under specific scenario:

Exchange shall facilitate transfer of racks from an existing member to another member (who was an FPI/FII Client or a Domestic Investor trading with the existing member) under the conditions below:

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1. Domestic Investor of the member for whom the rack is currently being used gets registered as member of the Exchange.
2. FPI/FII Client or foreign body corporate incorporated outside India for whom the rack is currently being used; registers an entity in India and gets registered as member of the Exchange.
3. The racks proposed to be transferred should be in use by the client who is taking up membership of the Exchange for a period of at least 3 months for which existing member and the client will be required to submit a requisite declaration stating the same along with the request letter for such transfer.
4. Both the members (transferer and transferee) will be required to provide a request letter on their respective company letter head stating the reason for transfer of rack along with the rack details and an NOC for rack transfer.
5. Members will be required to submit a request letter as per Annexure 8 providing details of the rack to be transferred along with a letter from the recipient member as per Annexure 9. (request to be submitted with the Exchange with 30 days advance notice)
6. The existing rack holder member will have to place a request for surrender of all services availed on the rack viz. user id's, IP, handoff etc. as per the current process with the Exchange.
7. After completion of rack surrender process, the rack will be directly allotted to the new member against the rack allotment request.
8. The new member whom the rack is allocated can subsequently apply for all the services i.e. IP, User Id's, PTP links etc. in the respective colocation rack as per their business requirement.

f. Cancellation of rack desire request:

1. Participants are allowed to cancel the rack desire request in the same calendar month in which the request is submitted, and advance deposit collected, if any is refunded else the entire amount collected is forfeited.
2. Participants shall be eligible for refund, if such cancellation is requested to avail a cross connect facility.
3. In event wherein Exchange is unable to provision racks of desired rack type within the prescribed timelines (i.e. on or before 6 months starting from the following month of submission of rack desire request), the participants will be allowed to submit a cancellation request for such rack desire request. Request should be submitted as per format Annexure 10.
4. In such a scenario wherein in cancellation of rack desire request is received due to non - provisioning of racks of desired rack type within the specified timelines; the deposit amount received against the request shall not be considered as forfeited and shall be credited back to the Colo participant.
5. Further the rack desire request status shall be updated as cancelled and such request shall be excluded from the wait list.

g. Non- Utilization of Colocation Rack for more than 6 months:

1. Colo Participants are advised to commence utilization of racks within 6 months from the date of allotment or consider surrender of racks.
2. In case the FPI/FII, Domestic Investors client dissociates with the member, the member should surrender the racks back to the Exchange.

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3. Exchange may analyse the usage of racks based on broad criteria like Power consumed / IP subscribed / physical occupancy of rack / Port activation etc.
4. In case the racks are not utilised for more than 6 months, the participant shall be levied with additional non usage charges for each additional month on such unused racks.

Months of non-usage	Base Rate	Additional non-usage charges over and above the base rate
1 st Month to 6 th Month	as per rack type	Base Rate
7 th Month to 9 th Month	as per rack type	+ 50% of Base Rate
10 th Month to 12 th Month	as per rack type	+ 100 % of Base Rate
13 th Month and onward	as per rack type	+ 200 % of Base Rate

Note: Additional non-usage charges shall be over and above the base rate.

- C. Additional pair of Uplink (handoff)/ cross-connect:** Exchange provides 1 pair of uplinks (i.e. 2 cross connects) on each rack variant by default which carries the interactive and multicast traffic over the 10G network. Participants (Members/CaaS vendors) can avail additional pair(s) of 10 G uplink (i.e. cross connects) for their existing colocation rack(s) on demand. Members/ CaaS vendors who wish to avail additional pair of Uplink (handoff)/ cross-connect can submit digital application through electronic member interface 'ENIT', details of the aforesaid functionalities are given below:

Rack Type	Pair of uplinks (cross connects)
HPD	2 * (1 Default + Additional 4 on demand basis)
Full	1 Default + Additional 4 on demand basis
Half	1 Default + Additional 1 on demand basis
Quarter	1 Default

The salient features of the same are as below:

- The participant shall be required to submit request for additional cross connect through relevant module on ENIT.
- The Exchange shall commence allotment of additional pair of uplinks on FIFO basis subject to availability of infrastructure for fulfilling participants request.
- Each cross connect will be offered from a different access layer switch which are in the same server room / server hall / colo phase. The facility of additional pairs of cross-connect shall also be available for CaaS vendors.
- Application submitted in the month shall be considered for allotment process anytime during the next 6 months as applicable for allotment for colocation rack.

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- Exchange shall not be held liable in case of delays due to unforeseen circumstances beyond control of the Exchange.
- Participant shall be allotted separate IP schema for each additional pair of uplinks subscribed by them.
- Given the fact that each pair of uplinks will have a dedicated pool of IP's, members while requesting IP(s), must select specific pair of uplinks under which IP is requested.

D. Charges: -

Co-location facility is a paid facility and the list of charges for different rack variants are as below:

Rack Variant	Charges per rack p.a. (excluding other incidental charges) (in Rs.) *	Initial Setup charges (in Rs.) (one time charge per rack)
High Power Density (HPD)	18,00,000	2,00,000
Full Rack	9,00,000	1,00,000
Half Rack	4,50,000	50,000
Quarter Rack	2,25,000	25,000

* Other incidental charges include provision for cooling, power back-up and other infrastructure and maintenance costs incurred by the Exchange in relation to the rack(s) subscribed by the Colo participants and common facilities.

Members can opt from various message category mentioned below:

Category	Messages Per second (m.p.s.)	Annual Recovery Charges (ARC) in ₹ for Wednesdays and Thursdays	Annual Recovery Charges (ARC) in ₹ for days of the week other than Wednesdays and Thursdays
Category A	40	50,000	50,000
Category B	100	1,25,000	2,50,000
Category C	200	2,50,000	5,00,000
Category D	400	5,00,000	10,00,000
Category E	1000	12,50,000	25,00,000

Note:

1. Base rate for first 10 Half Rack Equivalent (HRE) racks will be as above for a participant.
2. Charges for next 15 HREs will be 25% over the base rate.
3. Charges for racks above 25 HREs will be 50% over the base rate.
4. Billing for annual recurring charges for the rack shall commence from 28 days after allotment of rack to Colo participant. However, the initial setup charges shall be applicable from the date of allotment of rack.

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5. The Annual Recurring Charges (ARC) for each additional pair of cross connect / uplink / handoff connectivity would be Rs 75000 + applicable taxes. The charges levied would be on pro-rata basis and would be applicable from date of allotment of such pair of uplinks.
6. Backup restore facility (optional) will be charged at Rs 66000/- per rack.
7. First connection on a Rack in co-location shall be provided free with message category 'A'. However, if the category of the free connection is changed to any other category, then the said connection will be charged thereafter even if it is converted back to the message category 'A'.
8. All members who are using CaaS (Colocation as a Service) are being offered 1 Category A connection with Zero ARC per member-vendor/Algo-provider Combination.
9. CaaS-First category A IP assigned to the member-vendor shall only be eligible for NIL ARC
10. If at any point the category of an eligible NIL ARC IP is changed by the member, the NIL ARC provision shall be considered as forfeited.
11. For subsequent connections / IP's subscribed by the member, applicable ARC charges shall be levied as per the respective category.
12. Facility for placing Message Rate Change requests (Upgrade/Downgrade) shall be available to the members. First Message Rate Change request on each Colo IP in a calendar month shall be free, irrespective of its MRC request status. Thereafter a Processing Fee of Rs 2000/- (plus applicable taxes) shall be levied for each subsequent request for change in message category submitted by the member, irrespective of the request status.
13. Message Rate Change requests (upgrade/ downgrade) submitted on or before 3:00 p.m. on a given working day shall be processed on best effort basis latest within T+5 working days.
14. IP surrender requests submitted on or before 3:00 p.m. on a given working day shall be processed on best effort basis latest within T+5 working days.
15. The ARC charges shall be levied proportionately for period for which the category has been subscribed.
16. Applicable taxes shall be levied on all above charges.
17. The Exchange reserves its right to revise the charges at its discretion.
18. Detailed information on charges is also available on Exchange website under path:

NSE India > Trade > Platform and services > Connectivity & User Id > Co-Location facility.

III. Power at Co-location racks:

Participants availing the racks in Co-location are required to monitor their power utilization in their respective racks and take steps to ensure that at no point of time they exceed the prescribed limits. To encourage participants to strictly adhere to the power consumption limits, the Exchange has made effective following process to ensure enough deterrence coupled with fair warning and chance to correct course without affecting members' trading activity as far as possible.

A. Following are some important points for power consumption at Co-location racks: -

- Participants can install their own PDU's subject to adherence to the minimum technical specification specified by the Exchange from time to time.

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- All IT equipment's installed in Co-location Rack should be branded and dual power supply only. In case a participant is installing single power supply equipment's in the rack Exchange will not be held responsible for any power outage.
- In case of power consumption exceeding 90%, the rack users shall receive information from Exchange via emails using the escalation matrix available with Exchange.
- On exceeding 100% utilization, the rack users shall be provided an opportunity to verify the consumption readings provided by the PDU installed by NSE / Rack users. In case, number of non-adherence has breached for consecutive 5 days in a calendar month, participant shall have the time window till ensuing weekend to check and take corrective action for the same. However, if the participant fails to take the necessary action within the provided timeline, then action shall be taken as per stage III mentioned in Point B.

B. Actionable by the Exchange in case of Non-Adherence to Power consumption limits:

Any instances of exceeding 100% utilization shall result in initiation of action by Exchange as per the following stage wise action plan:

Stage	Number of days non-compliance in a calendar month	Action
I	1	Email warning
II	3	Charges of Rs.10,000 per rack per day of violation in the calendar month toward fair usage charges for power.
III	5	Charges as per stage 2 plus switching off power for 1 working day after providing 1 working day notice to provide time to member to rectify the issues, if any.
IV	Violation of 1 day after restart of rack	Charges as per stage 2 plus switching off power for 3 working days after providing 1 working day notice to provide time to the rack users to rectify the issues, if any.

Note: 1. Taxes as applicable shall be levied on above charges.
2. The charges will be collected from the Exchange Dues account for the participant.
3. For any technical queries regarding excess power consumption, requesting to get in touch with Colo_Support team at colosupport@nse.co.in

IV. 'Co-location as a Service' (CaaS):

This initiative by the Exchange is to facilitate small and medium sized Members, who are not able to avail Co-location facility, due to various reasons including but not limited to high cost, lack of expertise in maintenance and troubleshooting, etc. Under CaaS, rack in co-location facility is allotted to empaneled vendors of the Exchange and Algo Providers empaneled with the Exchange along with provision for receiving market data for further dissemination of the same to the trading member of the Exchange and the facility to place orders (algorithmic / non-algorithmic) by the trading members from Co-location.

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Following are the salient features of CaaS in co-location facility:

1. Vendors/Algo Providers empanelled by the Exchange are eligible to provide CaaS service.
2. List of empanelled vendors who shall be eligible to provide such service are as follows and is available on Exchange website on the below mentioned link:
<https://www.nseindia.com/trade/platform-services-non-neat-empanelled-vendors-of-the-exchange>
3. List of empanelled Algo Provider who shall be eligible to provide such service are as follows and is available on Exchange website on the below mentioned link:
<https://www.nseindia.com/static/trade/empanelled-algo-providers-exchange>
4. Current list of **CaaS Vendors (Empanelled vendors and Algo Providers)** providing CaaS services are as follows:

Sr. No.	Vendors / Algo Provider Name	Vendor / Algo Provider
1	M/s. Greeksoft Technologies Pvt. Ltd.	Empaneled Vendor
2	M/s. Symphony Fintech Solutions Pvt. Ltd.	Empaneled Vendor

5. CaaS Vendors shall provide a fully managed end to end solution which can be used by trading members to trade from the Exchange's Co-location facility. Empanelled vendors shall have to make an application for rack in Exchange's Co-location facility through ENIT portal (<https://enit.nseindia.com/ENITInternal/VendorLogin.jsp>) along with the undertaking in the format as per Annexure 11.
6. CaaS Vendors can apply for Point 2 Point (P2P) connectivity from any of the existing eligible service providers in Co-location through ENIT. CaaS Vendors may take one or more leased line to the co-location facility as per the Exchange policy in this regard from time to time.
7. Vendor and desirous trading members are required to execute the Service Provider Agreement (SPA), in the format as per Annexure 12 for availing the service. (Certified true copy to be submitted to the Exchange).
8. Algo Providers and desirous trading members are required to execute the Service Provider Agreement (SPA), in the format as per Annexure 13 for availing the service. (Certified true copy to be submitted to the Exchange).
9. CaaS vendors can apply for any variant of rack i.e. HPD, Full, Half or Quarter rack as per their business requirements.
10. CaaS Vendors, providing Co-location services to members of the Exchange shall have to adhere to the rules and provisions given as below:
 - a. CaaS Vendors shall be liable to all such charges as currently applicable to member for availing Co-location facility and as amended from time to time.

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- b. CaaS Vendors shall provide fair, transparent, and equitable access to all members availing the service and ensure confidentiality of information and data pertaining to each member.
- c. CaaS Vendors shall be responsible for upkeep and maintenance of all infrastructure in their racks.
- d. CaaS Vendors shall provide support to the members including BCP provisions, system audit etc. if required by the member.
- e. CaaS Vendors shall be liable for half yearly system audit and shall refer the Exchange Terms of Reference (TOR) attached as Annexure 14 or as amended from time to time.
- f. CaaS Vendors are required to submit the System Audit Report along with Vulnerability Assessment and Penetration Testing (VAPT) report within the timelines on msm@nse.co.in , to avoid any penal/disciplinary action, as prescribed by the Exchange from time to time as per the following:

Sr. No.	Report Type	Audit Period	Timelines for submission- Preliminary Audit Report	Action Taken Report (If Applicable)
1	System Audit Report	01st April to 30th September	On or before 30th November	On or before 28th February
		01st October to 31st March	On or before 31st May	On or before 31st August
2	VAPT Report	01st April to 30th September	On or before 31st December	On or before 31st March
		01st October to 31st March	On or before 30th June	On or before 30th September

- g. In continuation to above, CaaS vendors shall now be required to submit the aforesaid reports in the standardised formats as below:
 - The format for System Audit Preliminary report & ATR for CAAS vendor is enclosed as Annexure- 15.
 - CaaS vendors shall be required to adhere to the prescribed Auditor Selection Norms for System Audit & VAPT reports enclosed as Annexure-16.
 - The VAPT assessment scope and format for VAPT Summary report to be submitted has been enclosed as Annexure-17 & Annexure-18.
 - CaaS Vendors are required to submit the system audit & VAPT report after approval by Managing Director/CTO or CISO or Standing Committee on Technology (SCOT) or equivalent Technology/Cyber Security Committee (TC).
 - CAAS vendors are requested to submit the report to the Exchange on or before the due dates to avoid any penal/disciplinary action, as prescribed by the Exchange from time to time. The details of Penalties/disciplinary action(s)/charges for non/delayed submission and non-closure of vulnerabilities/observations have been provided in Annexure 19.
- h. Exchange reserves the right to inspect and audit the infrastructure deployed by the Vendor for the service offering to members.

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- i. CaaS Vendors will not be allowed to use MTBT data for commercial purposes other than providing it to members availing their service in the rack allotted for trading on the Exchange.
- 11. Rack charges shall be borne by the CaaS Vendors and order connectivity charges shall be borne by the member as applicable from time to time.
- 12. Member shall exercise appropriate due diligence in respect of the services offered by CaaS Vendors. Exchange shall not be liable towards any member for any failure/incident which is the outcome of hosting solution provided by CaaS Vendors. CaaS Vendors providing services to members shall be out of Exchange purview, in relation to this service.
- 13. Members shall execute a separate commercial contract/agreement with CaaS Vendors for availing his services which shall not be under the Exchange's purview.
- 14. Member shall be required to take NNF product approval as per existing process and guidelines of the SEBI and Exchange before deploying through the Non-Neat Frontend (NNF) Trading System as per Exchange circulars as updated from time to time.
- 15. Any member, who is desirous of availing such services from CaaS Vendors, shall apply for interactive connectivity to Exchange via ENIT.
- 16. Members shall be allowed to apply for any number of order connectivity with the CaaS vendor / s as per their business requirements subject to the limits for maximum IP's permitted as per the rack type and adherence to maximum power consumption limit set by the Exchange.
- 17. Member shall follow the existing process for user id as per Exchange circulars issued and updated from time to time.
- 18. Member shall ensure fulfilment of Exchange compliance's related to trading such as base minimum capital requirement, mandatory monthly mock participation, periodic system audit report submission, etc. as communicated by Exchange from time to time.

V. Point to Point Connectivity at Co-location:

Trading Members/CaaS Vendors availing Co-location facility are allowed to take one or more leased lines to the co-location facility from different telecom service providers for the purpose of setting up or modifying parameters, trading related activities and hardware, software, network related access, software download / upload and monitoring and data downloads. Such lines are called Point to Point links. Such link does not lie on the trading/data dissemination path of the Exchange. Point To Point links are not within the purview of the Exchange as they are procured by, paid for and maintained by the participant without Exchange intervention. The Exchange shall only provide NOC against the PTP application submitted by the participant.

The trading members/ CaaS vendors can submit Point to Point connectivity application through ENIT on the below mentioned path:

Members via ENIT Member Portal on Path: ENIT-NEW-TRADE > Membership > Co-location > PTP Requests

CaaS Vendors via ENIT Vendor portal on path: CaaS > PTP Request

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For Provisional members (members in the process of seeking membership registration of the Exchange and have been offered provisional membership) who wish to apply Point to Point Connectivity at Co-location may apply to the Exchange in physical format as per Annexure 20 and email on msm@nse.co.in

Following is some of the location types, where members/vendors are allowed to extend the PTP link in India:

1. Members registered / dealing / branch office / Authorised Person
2. Members rack in Co-location facility of another recognized stock exchange in India
3. Members owned/hired rack in a third-party data centre in India
4. A common designated access point/switch/router provided for the purpose at any other recognized Exchange in India
5. A common switch in India provided by the empanelled telecom service providers of Co-location
6. A common designated access point/switch/router provided by Financial Market Infrastructures regulated by RBI that offers trading/reporting of underlying assets on which the Exchange provides derivatives contracts.

To enable members to seek such links, the Exchange provides infrastructure in the form of racks to connectivity service providers based on Legal/technical/physical/commercial feasibility and limitations. Connectivity service providers can host their infrastructure in NSE designated areas and provide Point to Point Leased Line / MPLS services to NSE members located in Co-location facilities.

The following reputed national level telecom vendors are currently present in the Exchange Co-location to cater to member's needs with respect to leased lines to the co-location facility.

1. Tata Teleservices Maharashtra Ltd.
2. Tata Communications Ltd.
3. Bharti Airtel.
4. Microscan Infocommtech Private Limited.
5. Tikona Infinet Private Limited.
6. Sify Technologies Limited

VI. Process for Empanelment/ Dis-empanelment of Connectivity Service Providers in Co-location:

A. Empanelment:

New Point to Point Link service providers desirous of providing leased line services to members in Co-location may make an appropriate application to the Exchange. The application shall have to be supported by the relevant documents as below on msm@nse.co.in

B. Criteria and Selection

1. The entity has at least 3 years standing in the telecom industry with extensive coverage across metro cities and other major cities.
2. The applicant has necessary letter of intent/provisional orders from Colo Participants of the Exchange for PTP links at NSE colocation (preferably from 10 unique Colo Participants).

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3. Necessary licenses (DOT / NLD etc. as applicable) are available with the applicant to provide Point to Point connectivity. Service providers are required to submit the appropriate eligibility certificate from KPMG/ E&Y along with the application. The cost of such certificate shall be borne by the applicant. Applicants can contact the following consultants for the relevant details:

KPMG	
Kunal Pande Partner M: +91 9892600676 Email: kpande@kpmg.com	Deepak Varde Associate Director M: +91 9967604099 Email: deepakvarde@kpmg.com

E&Y	
Basant Shroff Partner M: +919820305923 Email: basant.shroff@in.ey.com	Dipen Thakkar Senior manager M: +919820444865 Email: dipen.thakkar@in.ey.com

4. Availability of physical infrastructure such as rack space across various Meet Me Rooms, cable duct space, inter rack cabling trays/duct, power etc. at NSE colocation.
5. The applicant Telecom service provider must not be blacklisted or debarred by any statutory body.
6. The applicant should have Business Continuity Planning provisions.
7. The entity must not have Conflict of Interest with any trading member of the Exchange.
8. Any other norms/preconditions that the appropriate authority/committee may decide from time to time.

Such applications shall be placed before the relevant authority/committee for scrutiny and processing. The applicants shall be communicated about the status of their application on completion of review.

In case of any change, the revised list of connectivity service providers shall be updated in this document and uploaded on the Exchange website.

The number of empaneled vendors shall be maintained at a minimum of four and a maximum of ten.

Without prejudice to the right of the relevant authority/committee to frame rules; general rules and processes with respect to rack allocation to connectivity service providers at NSE designated areas (MMR- Meet me room) shall be as follows:

1. Only half rack shall be allotted at a time.
2. An existing empanelled connectivity service provider can later apply for additional racks.
3. Exchange shall endeavour to provide a rack in the designated area subject to availability on first come first served basis.
4. Currently there shall be a charge of Rs 50,000 plus applicable taxes per half rack per annum payable in advance for the financial year.
5. The service providers shall be liable to pay the rack charges in advance, within 30 days of billing date.
6. Additional racks shall be allotted subject to availability if connectivity service provider is not able to service clients located in Co-location due to technical/physical constraints via current allocated racks.

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7. Exchange shall permit the connectivity service provider to interconnect racks based on technical and physical feasibility.
8. Such racks are not meant for trading and hence service/data etc. provided to normal racks shall not be available to such rack. Further, any scheme of rebate, discount, free period etc. by whatever name called shall not be applicable to such racks if made applicable to normal racks in Co-location.
9. It shall be the responsibility of the service providers to ensure that they are at all points of time eligible to provide such services as per the applicable rules and regulations. The Exchange shall have the right to take appropriate action as deemed necessary on receipt of any information that could result in the ineligibility of a connectivity service provider to provide such services.

C. Dis-empanelment:

The relevant authority/committee shall inter alia consider the following while assessing the continuous eligibility of a service provider:

1. After the end of one year from initial empanelment, service provider should have at least 12 distinct member clients OR should have at least 24 links being serviced AND the average number of links across all racks held should be at least 6.
2. There should be no amount outstanding from the service provider for over 6 months from the due date.
3. All documents as decided by the relevant authority/committee should have been duly executed and provided to the Exchange.
4. The conduct of the service provider in terms of service to NSE members and sharing of relevant information with the Exchange from time to time should meet the expected minimum industry standards.

On failing to meet any one or more of the above criteria, the relevant authority/committee may issue an appropriate notice to the service provider giving 15 calendar days' time to represent its case. On being satisfied with the service provider's submission, the relevant authority/committee may accordingly pass appropriate directions. However, if the relevant authority/committee is not satisfied with the submissions, it may issue a termination notice providing 4 calendar months' time. After the end of the said notice period, the Exchange shall disconnect power to the racks held by the service provider and remove any material of the service provider from the rack without further notice or liability to NSE.

The relevant authority/committee, while conducting the above review shall always hold the interest of Exchange members as supreme and shall be guided accordingly.

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VII. Co-location Datacentre access:

1. Physical access to co-location facility will be restricted only to the initial set up and access for periodic or urgent maintenance if any would be only with prior permission from NSE.
2. For seeking access, participants must provide work permit to Colo support team and abide by guidelines as updated from time to time.
3. The Exchange will not be responsible for insuring the member's assets at the co-location premises. Participants should do the insurance of their IT equipment's installed in Co-location Datacentre.
4. Colo participants shall be allowed physical access to Colocation facility and can also request for L1 remote hand support during market hours in case of emergencies. Details of seeking the facilities are as follows:

A. The Colo Participants shall be allowed to access colo data centre during any emergency declared by the participant. Participant should declare requirement of emergency access or for L1 support of reboot of hardware to Exchange. Physical access to Co-location facility to the participants and their authorized member/vendors will be provided to Colo participant during market hours. Accordingly access during market hours shall be allowed.

1.1 In case of emergency access:

- a. Participant must specify the detail of the rack impacted and racks to which access is required. An incident report form should be submitted by participant to Exchange for emergency access.
- b. Participant seeking such request shall be required to provide specific undertaking regarding that they shall be held liable for any adverse impact due to changes being done by the participant during market hours.

1.2 In case of request for L1 support:

- a. Participant should inform Colo support team over email for L1 remote reboot of hardware with the detail of the hardware, identification details, rack U number.
- b. The email should be sent only from the list of authorised email id registered by the Colo Participant with colo support team. i.e. the escalation matrix.
- c. Participant should share an undertaking clearly stating that participant is responsible and accountable for any adverse impact resulting from the action taken by NSE colo team, including wrongly acting on another hardware or all hardware.

Participants will be required to send an email to Colo support team requesting for emergency access or L1 remote hand support with all requisite details and also provide incident report along with undertaking as designed for this purpose. The incident reporting format and undertaking format shall be notified through Colo guideline separately by the colo support team.

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B. The emergency access facility and reboot request of hardware, the requests shall be a chargeable service.

1.1 The charge for each access request during market hours shall be Rs. 5,000/- per rack

- a. The fees shall increase with number of instances in a calendar month.
- b. First instance of emergency rack access = Rs 5,000/ per rack
- c. Second instance of emergency rack access = $2 \times 5,000 = 10,000$ / per rack
- d. Third instance of emergency rack access = $3 \times 5,000 = 15,000$ / per rack
- e. Charges multiply with every instance of access (as explained above) with a monthly reset.

Note: The aforesaid emergency rack access charges will be levied for each rack being accessed and may vary depending upon the instance of emergency access i.e. first time/ second time / third time and so on.

For example: A member X accessing rack 1, rack 2 and rack 3 in emergency mode, is accessing rack 1 for first time but rack 2 for 2nd time and rack 3 for 3rd time in the same month, the applicable charge for accessing rack 1 will be Rs. 5000/- and charges for accessing rack 2 will be 10000/- and charges for accessing rack 3 will be 15000/-. Accordingly, his cumulative charges for the emergency access to rack 1,2 and 3 (for the mentioned instance) will be Rs.30,000/- (5000+10000+15000).

1.2 The charge for each L1 support for hardware reboot requested during market hours shall be Rs. 1000/-per rack wherein L1 support is requested

- f. The fees shall increase with number of instances in a calendar month.
- g. First instance of hardware reboot = 1,000/ hardware in the first instance.
- h. Second instance of hardware reboot = $2 \times 1,000 = 2,000$ /hardware in the second instance.
- i. Third instance of hardware reboot = $3 \times 1,000 = 3,000$ /hardware in the third instance.
- j. Charges multiply with every instance of access (as explained above) with a monthly reset.

C. Taxes as applicable shall apply on the above charges.

D. The charges shall be collected from the Exchange Dues account for the participant.

VIII. Colocation Advisory:

Members subscribing racks in Colocation facility of the Exchange and vendors/Algo Providers offering CaaS services in Colocation facility, (herein after referred as Colo participants) are requested to follow below advisory guidelines. We request all participants to note that below mentioned guidelines are indicative and not exhaustive. Further, it is the responsibility of all participants to use Exchange Co-location services judiciously and in a prudent manner.

1. Participants shall deploy adequate and real time monitoring:

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- Only intended and relevant traffic (Orders and relevant interactive traffic etc.) should flow to the Exchange Colocation Network.
 - Any spurious traffic flow (irrespective Hardware /configuration / software / Cyber-attack scenarios) must be monitored & stopped by the appropriate Observability & cybersecurity solution deployed for their infrastructure by the respective Participant.
 - To avoid malicious unwanted dataflow/requests towards the Exchange side of the network, A Participant is required to perform thorough testing of any new hardware/ Hardware Config changes before deploying it in Production. This includes any type of hardware, connections, switches, NIC cards and the like.
2. Software applications are prone to updates/changes and hence, it is imperative for the participants to ensure that all software changes that are taking place in their applications are rigorously tested before they are used in production systems. It is hereby advised to validate application-level changes in mock / simulation market environment in coordination with Exchange colo support team to ensure no performance or adverse impact on exchange network / trading operations.
 3. Implement change management process to avoid any risk arising due to planned and unplanned changes for all its information security assets (hardware, software, network, etc.) Participants should avoid changes to hardware/software during market hours.
 4. Participant should provide details of hardware change like new Hardware installation, modification, decommissioning along with proposed date & time of the change execution in the specific format as part of work permit to execute any hardware related changes. Further, post execution of changes participant should also provide details of hardware changes implemented in their Co-location racks.
 5. All participants are being advised that any new hardware introduction OR upgrades in their colo setup can be made Live only after the changes have been validated in mock drills or using Simulation market. Participants must inform their plan in advance to the Exchange colo support team and the team will monitor the impact of new hardware introduced by member on network / trading operations during mock or during the simulation market and Participants have to record outcome of these activities for system audits.
 6. Participants should have latest applicable versions for all their assets (at all point of time) including Servers, OS, databases, middleware, network devices, firewalls, IDS /IPS desktops etc. with latest applicable versions and patches.
 7. Participants are requested to note that if any instance of abnormality is observed by the Exchange, the Exchange shall have the exclusive right to take, at its discretion, such actions, steps, measures, proceedings, decisions within such period and upon such conditions and / or requirements as the Exchange may deem fit. It is understood that such actions, steps, proceedings, decisions may entail and include immediate rack port disconnection of all racks of the Participant,-user disablement etc., without notice to the participant and / or such disciplinary action as the Exchange may deem fit and that the participant shall abide by and be bound by such actions, steps, measures, proceedings, decisions as may be initiated by the Exchange from time to time.
 8. Participants may also be required to conduct forensic audit and cyber security audit, at the instance of the Exchange.

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9. The Exchange reserves the right to conduct audit including simulations and to this end, may direct the Participant to hand over equipment for the purpose of audit / investigation, which in the opinion of the Exchange, caused unwanted dataflow.
10. Accordingly, in order to ensure continuous compliance to above requirements, trading members subscribing racks in Colocation facility of the Exchange and vendors offering CaaS services in Colocation facility (Colo Participants) are required to ensure that the real time monitoring of IT infrastructure/servers hosted in allotted racks in Colocation facility of Exchange premises (in addition to Non-Colo/on PREM/DR infrastructure) is being done through own/group/third party Security Operations Centre (SOC). Additionally, trading members subscribing racks in Colocation facility of the Exchange and vendors/Algo Providers offering CaaS services in Colocation facility (Colo Participants) need to ensure that appropriate rules are configured at SOC to detect any suspicious/malicious activity on servers/infra or traffic originating from the servers/network devices managed by Colo Participants.
11. The monitoring through SOC shall cover functions (not limited to)-Continuous Monitoring, Log Management, Threat Response, Alert Management & Root Cause Investigation. On detection/observation of any malicious traffic/activity by trading members subscribing racks in Colocation facility of the Exchange and vendors offering CaaS services in Colocation facility (Colo Participants), the details of same shall be informed/notified to NSE Colo Support team on immediate basis.
12. Trading members subscribing racks in Colocation facility of the Exchange and vendors/Algo Providers offering CaaS services in Colocation facility (Colo Participants) are requested to take note of above and complete the onboarding/integration of servers, infrastructure hosted in respective allotted racks in Colocation Facility at Exchange premises with own/group/third party Security Operations Centre (SOC)
13. As a part of colocation compliance, the Exchange may get an independent audit conducted to confirm and verify the adherence of the process mentioned above by the participant and to confirm compliance to Exchange / SEBI circulars.
14. Colo Participants desirous of availing Co-location facility or who have already subscribed to Exchange's Co-location facility shall have to strictly abide by the Co-location access policy, Guidelines (updated from time to time) and Circulars, at all times. Additionally, all communications/ instructions/ circulars/ directions from the Exchange must be complied with in this regard. Any non-compliance shall invite disciplinary action by the Exchange which will be in accordance with Exchange Byelaws, Rules and Regulations.
15. Colo participants shall be required to confirm adherence to all Exchange and SEBI circulars periodically through a separate report. The format for such a report and Terms of Reference (TOR) for same will be shared vide a separate circular.

In case of any queries/assistance on access of servers/infrastructure hosted In Colocation Facility at Exchange premises, Colo Participants may contact NSE Colo Support Team on email ID-colosupport@nse.co.in and for any queries on regulatory guidelines of this circular, Colo Participants may connect with Inspection Department via email on DL-SYSCYB@nse.co.in

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IX. Various types of Co-location service requests offered by the Exchange:

Exchange has provided electronic member interface 'ENIT' to all members and CaaS Vendors for submission of co-location related requests.

Trading members can place Co-location related requests electronically through the interface provided by the Exchange i.e. ENIT (<https://enit.nseindia.com/MemberPortal/>) on path: ENIT-NEW-TRADE > Membership > Co-location

The various types of requests and reports available under Co-location facility are as follows:

Sr. No.	Particulars	Summary
1.	Rack Desire	In case of non-availability of racks, participants can submit a rack desire request.
2.	Rack Allotment	Member can place a request for new rack allocation.
3.	Rack Surrender	Member can place a request for surrender of active rack.
4.	IP Activation	Member can place a request for new interactive IP on an active rack.
5.	IP Surrender	Member can place a request for surrender of active interactive IP on a rack.
6.	Message Rate Change	Member can place a request for change in existing message category of an active interactive IP.
7.	Cancellation of Request	Member can place cancellation request for cancellation of requests which are in submitted to Exchange status.
8.	PTP Request	Member can place a request for PTP connectivity.
9.	Active IPs Report	Details of all active Co-location IPs are available under this section.
10.	Status Report	Status of all co-location requests such as (rack allotment, rack surrender, IP activation, IP surrender etc.) can be tracked here.
11.	Additional Handoff	Member can place a request for Activation of Additional Handoff
12.	Surrender Handoff	Member can place a request for Surrender of Additional Handoff
13.	Handoff Status Report	Status of Handoff requests can be tracked here.

CaaS Vendors are requested to login on <https://enit.nseindia.com/ENITInternal/VendorLogin.jsp> and submit the applications for "CaaS" (Co-location as a Service) on path-

Sr. No.	Particulars	Summary
1.	Rack Desire	In case non-availability of racks, participants can submit a rack desire request.
2.	Rack Allotment	Vendor can place request for new rack allocation.
3.	Rack Surrender	Vendor can place request for surrender of active rack.

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4.	TM Enrolment	Vendor can place request for activating trading member for CaaS facility on a rack.
5.	TM Deactivation	Vendor can place a request for deactivating trading member for CaaS facility on a rack.
6.	PTP Request	Vendor can place a request for PTP connectivity.
7.	Status Report	Status of all co-location requests such as (rack allotment, rack surrender, IP activation, IP surrender etc.) can be tracked here.
8.	Additional Handoff	Member can place a request for Activation of Additional Handoff
9.	Surrender Handoff	Member can place a request for Surrender of Additional Handoff

Notes:

- Trading members are required to submit digitally signed Co-location requests through ENIT.
- Requests submitted on or before 3:00 p.m. on a given working day shall be processed on best effort basis latest by T+2 working days.
- Point to Point connectivity (PTP) requests submitted on or before 4:00 p.m. on a given working day shall be processed on best effort basis latest by T+2 working days.
- Message Rate Change requests (Upgrade/ Downgrade) submitted on or before 3:00 p.m. on a given working day shall be processed on best effort basis latest within T+5 working days.
- IP surrender requests submitted on or before 3:00 p.m. on a given working day shall be processed on best effort basis latest within T+5 working days.

X. List of important circulars issued by the Exchange related to Co-location.

Members are requested to refer to the Exchange circulars issued and updated from time to time for detailed information on the subject. A non-comprehensive list of important circulars is shared below:

Date	Subject	Circular No.
20-Apr-26	Revision in Terms of Reference (TOR) and Formats for submission of system audit report and submission of Vulnerability Assessment and Penetration Testing (VAPT) report for vendors providing Co-location as a service (CaaS) facility.	NSE/MSD/73805
8-Apr-26	Colocation - Expansion of Colocation capacity - Phase 15	NSE/MSD/73659
13-Mar-26	Colocation Initiatives - Updates for Colocation as a Service (CaaS) facility.	NSE/MSD/73284
11-Mar-26	Colocation - Digital acceptance of requests for the changes related to IP and CaaS offering	NSE/MSD/73246
5-Mar-26	Formats for submission of System Audit report and Vulnerability Assessment and Penetration Testing (VAPT) report for Vendors providing Colocation as a Service (CaaS) facility	NSE/MSD/73152
27-Feb-26	Colocation Initiatives - Updates in permissible number of IP's and CaaS Model	NSE/MSD/73068

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13-Feb-26	Connectivity and Colocation Initiatives - Revision in Annual Recovery Charges (ARC)	NSE/MSD/72792
14-Nov-25	Colocation - Initiatives.	NSE/MSD/71303
26-Aug-25	Colocation Update - Changes in SLA for processing of IP requests	NSE/MSD/69860
26-Jun-25	Colocation Advisory Update - Onboarding/integration of servers & infrastructure with Security Operations Centre (SOC).	NSE/MSD/68770
12-Jun-25	Enhancement in colocation IP surrender request	NSE/MSD/68497
19-May-25	Colocation - Initiatives	NSE/MSD/68052
23-Apr-25	Revision in Terms of Reference (TOR) for submission of system audit report & submission of Vulnerability Assessment and Penetration Testing (VAPT) report for Vendors providing Co-Location as a Service (CaaS) facility.	NSE/MSD/67650
21-Mar-25	Revision in charges for Colocation Facility	NSE/MSD/67248
19-Mar-25	Colocation-Revision in rack allotment procedure.	NSE/MSD/67180
15-Oct-24	Revision in Terms of Reference (TOR) for submission of system audit report & submission of Vulnerability Assessment and Penetration Testing (VAPT) report for vendors providing Co-Location as a Service (CaaS) facility.	NSE/MSD/64543
16-Aug-24	Colocation - Colocation as a Service '(CaaS)' facility	NSE/MSD/63430
6-Aug-24	Colocation - Colocation as a Service '(CaaS)' facility.	NSE/MSD/63270
13-Jul-24	Colocation - Revision in rack allotment procedure	NSE/MSD/62932
31-May-24	Colocation Advisory - Update	NSE/MSD/62245
10-May-24	Revision in Terms of Reference (TOR) for submission of System audit report and additional submission of Vulnerability Assessment and Penetration Testing (VAPT) report for vendors providing Co-Location as a Service (CaaS) facility.	NSE/MSD/61978
30-Apr-24	Co-Location - Consolidated Circular	NSE/MSD/61829
5-Apr-24	Colocation - Revision in rack allotment procedure	NSE/MSD/61499
27-Mar-24	Colocation - Revision in rack allotment procedure	NSE/MSD/61358
30-Jan-24	Colocation Advisory - Update	NSE/MSD/60456
14-Dec-23	Colocation - Advisory	NSE/MSD/59764
5-Oct-23	Periodic submission of System Audit Report for Vendors providing Co-Location as a Service (CaaS) facility.	NSE/MSD/58749
21-Sep-23	Colocation - Digital Submission of additional pair of Uplink (handoff) and revised IP offering on a Colocation rack	NSE/MSD/58506
13-Jul-23	Change in URL for ENIT portal for Empanelled Vendors	NSE/MSD/57557
30-Jun-23	Co-Location - Consolidated Circular	NSE/MSD/57389
9-Jun-23	Colocation offering - Introduction of additional features/enhancements.	NSE/MSD/57039
21-Apr-23	Revision in Terms of Reference (TOR) & Timelines for submission of System Audit Report of Vendors providing Co-Location as a Service (CaaS) facility.	NSE/MSD/56416

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31-Jan-23	Timelines for submission of System Audit Report for Co-Location as a Service (CAAS) Vendors	NSE/MSD/55438
2-Sep-22	System Audit of Vendors providing Co-Location as a Service (CaaS) facility	NSE/MSD/53515
28-Jan-22	Colocation - revision in rack charges and allotment procedure	NSE/MSD/51160
17-Sep-21	Colocation - Expansion	NSE/MSD/49632
15-Jul-21	Colocation - Initiatives	NSE/MSD/48949
21-Dec-20	Colocation - Physical access to Phase V	NSE/MSD/46734
3-Dec-20	Expansion of Colocation capacity - Phase V	NSE/MSD/46538
17-Oct-20	Colocation - Physical access to Phase V	NSE/MSD/46050
30-Sep-20	Expansion of Colocation capacity - Phase V	NSE/MSD/45884
10-Aug-20	Digital acceptance of change in mapping of colocation and ASP request	NSE/MSD/45291
2-Jul-20	Colocation - Colocation as a Service (CaaS)	NSE/MSD/44872
22-June-20	Connectivity – Revision in Annual Recovery Charges for messages	NSE/MSD/44718
22-Oct-19	Colocation (CaaS) - Digital submission of requests	NSE/MSD/42473
22-Oct-19	New ENIT - Colocation modules	NSE/MSD/42471
19-Jul-19	Colocation: Digital acceptance of Point to Point Connectivity application	NSE/MSD/41651
6-Aug-18	Digital submission of 'Colocation as a Service'(CaaS) application	NSE/MSD/38528
7-May-18	Introduction of 'Colocation as a Service' (CaaS)	NSE/MSD/37707
10-Apr-18	Measures to strengthen Algorithmic Trading and Co-location / Proximity Hosting framework	NSE/MSD/37476
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5-Oct-17	Discontinuation of Advance collection of service charges	NSE/MSD/36031
2-Dec-16	Review of guidelines for Co-location / proximity hosting facility offered by stock exchanges	NSE/MEM /33737
27-Nov-14	Charges for TBT on multicast	NSE/FA/28181
5-Jun-14	Co-location Services at NSEIL Premises	NSE/MEM/26869
5-Mar-13	Co-location Services at NSEIL Premises	NSE/MEM/22872
12-Nov-12	Revision in charges for Co-location services offered by the Exchange	NSE/FA/22114
17-Sep-12	Revision in Annual recovery charges for A category (40 messages), S category (Connect2NSE) Leased Lines and VSAT	NSE/FA/21718
21-Apr-11	Co-location services at NSEIL premises	NSE/memb/17565
4-Mar-10	Co-location services at NSEIL premises	NSE/memb/14222
31-Aug-09	Co-location services at NSEIL premises.	NSE/memb/12985

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This consolidated circular is a compilation of relevant circulars issued which are operational as on date of this circular. Efforts have been made to suitably incorporate and update the applicable provisions of existing circulars as per above table.