

National Stock Exchange Of India Limited

Department : COMMODITY DERIVATIVES

Download Ref No: NSE/COM/40155

Date : February 06, 2019

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All Members,

NEAT Adapter

Exchange is releasing the “NEAT Adapter” application in Commodity Derivatives segment for facilitating login through Exchange provided NEAT frontend. The NEAT Adaptor application shall support login only through NEAT application.

The details of NEAT Adapter in Commodity Derivatives segment are as below:

Sr. No.	Setup Name	Description	Extranet path
1	NA_1.0.2_Setup.exe Register_Installer.bat	Version 1.0.2 for Windows Neat Adapter	/common/NeatAdapter/Windows
2	NA_1.0.2_Setup.sh, NA_1.0.2_SetupFiles.zip Register_Installer.sh	Version 1.0.2 for Linux Neat Adapter	/common/NeatAdapter/Linux

Members are requested to download and install the “Neat Adapter” versions which shall be made available from February 8, 2019 17:00 hours onwards in the above mentioned path on Extranet.

Members are requested to note the below details:

Frontend	Login through	Dates
NEAT 1.2.0	TAP application Version 1.1.44 for Windows Normal TAP Version 7.0.48 for Linux Normal TAP	Shall be supported up to March 8, 2019
NEAT 1.2.1	NEAT Adapter application Version 1.0.2 for Windows Neat Adapter Version 1.0.2 for Linux Neat Adapter	Mandatory from March 9, 2019 (mock)

- All Non-Neat Frontend (NNF) applications will be required to mandatorily login through Direct Connection using the Trimmed Protocol. Discontinuation date for login via NNF applications using the current versions of TAP (Windows/Linux) shall be communicated separately.
- Refer installation instructions as per attached user manual of “NEAT Adaptor” for Windows and Linux
- Pre-requisite of network environment before running the Neat Adapter are given in Annexure 1 below
- NEAT Adaptor OS compatibility details are given in Annexure 2 below

For assistance to configure Neat Adapter, members may contact Toll Free no: 1800 266 00 53.

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

**Khushal Shah
Associate Vice President**

Toll Free No	Fax No	Email id
1800-266-0053	+91-22-26598449	msm@nse.co.in

Annexure 1

Environment Pre-requisites

Linux version

Members are requested to verify the “Route” entries on their Neat Adapter server. Verification can be done using following guidelines –

- Login to server using root privilege
- type netstat -nr command to print route table & search for following route.

Destination Gateway Genmask Flags MSS Window irtt Iface
172.19.0.0 <gateway> 255.255.0.0 UG 0 0 0 eth0

- Gateway address IP must be - Neat Adapter IP minus 1, which means, the last digit of the IP minus 1. Example:- If Neat Adapter Server IP is 10.222.10.2 then Gateway IP should be 10.222.10.1.
- IF Above route entry is not present on server ,run following command to add route entry
- Create a file name "route-eth0" in **/etc/sysconfig/network-scripts**(eth0 is the interface name)
or if file already present add the following entries in the file
172.19.0.0/16 via <gateway>
- Reboot the Neat Adapter server
- Verify the route entry using verification steps specified earlier

Windows version

Members are requested to verify the “Route” entries on their Neat Adapter server. Verification can be done using following guidelines -

- Go to command prompt
- Type route PRINT
- In the output verify the entry with following values:

Network Address Netmask Gateway Address
172.19.0.0 255.255.0.0 <gateway>

- Gateway address IP must be - Neat Adapter IP minus 1, which means, the last digit of the IP minus 1. Example: - If Neat Adapter Server IP is 10.222.10.2 then Gateway IP should be 10.222.10.1.

If route entries are not present then please add as per the below guidelines:

- Go to command prompt
- Type –
route add –net <IP Address> netmask <subnet> gw <gateway IP Address > dev <Interface name>
route add –net 172.19.0.0 netmask 255.255.0.0 gw <gateway IP Address > dev <Interface name>

Specify the gateway IP as explained in verification steps.

- Verify the route entry using verification steps specified earlier

Annexure 2

Neat Adapter OS compatibility details

Windows:-

Item	Hardware Requirements and Recommendations
Operating Systems	Microsoft Server 2008 Standard Edition Microsoft Server 2008 Enterprise Edition Microsoft Windows Server 2008 R2 Standard Edition Microsoft Windows 2010, 64 bit OS Microsoft Windows 2012, 64 bit OS

Linux:-

Item	Software Requirements and Recommendations
Operating Systems	Red Hat Enterprise Linux Server release 5.1 (32 bit) Red Hat Enterprise Linux Server release 5.3 (64 bit) Red Hat Enterprise Linux Server release 5.4 (64 bit) Red Hat Enterprise Linux Server release 6.2 (64 bit)