

Direct Edge New Platform Connectivity Summary

Overview

- Our primary trading systems are located in the Equinix NY4 facility at 755 Secaucus Rd, Secaucus, NJ 07094
- API specifications, FAQ and other Direct Edge system related documents can be found at: <http://www.directedge.com/MemberInfo/MemberDocuments.aspx>
- All clients will need to be certified on the prior to trading
- Direct Edge Member Services is the project manager and will work with you to facilitate connectivity.

Circuit Information

- Rate limited 10 Gb connections will be available
- The NPA NXX is 201/864

Subnets for NY4

- EDGA Order Entry: 74.112.224.0/25
- EDGA Market Data “A” feed: 74.112.226.0/27
- EDGA Market Data “B” feed: 74.112.226.96/27
- EDGA TCP Feed: 74.112.226.64/27
- EDGX Order Entry: 74.112.225.0/25
- EDGX Market Data “A” feed: 74.112.226.128/27
- EDGX Market Data “B” feed :74.112.226.192/27
- EDGX TCP feed: 74.112.226.160/27

Multicast Groups

- EDGA “A” Uncompressed: 233.130.124.0/27
- EDGA “B” Uncompressed: 233.130.124.32/27
- EDGX “A” Uncompressed: 233-130.124.64/27
- EDGX “B” Uncompressed: 233.130.124.96/27

CLC Networks

- EDGA CLC: 74.112.227.0/26
- EDGX CLC: 74.112.227.64/26

EDGA TCP-Resync/Snapshot

- 74.115.130.0/27 –“A” Side
- 74.115.130.96/27 –“B” Side

EDGX TCP-Resync/Snapshot

- 74.115.130.128/27–“A” Side
- 74.115.130.192/27 –“B” Side

RP Addresses

- 74.115.128.1 – Production “A” Feed
- 74.115.128.2 – Production “B” Feed
- 74.115.128.11 - Test “A” Feed
- 74.115.128.12 - Test “B” Feed

Certification Network

- 74.112.227.128/27 - Edge A
- 74.112.227.192/27 - Edge X

Bandwidth Requirements

- Direct Edge TCP Market Data Feed = 50 Mb per Login Pair (One EDGA Login, One EDGX Login)
- Direct Edge Uncompressed Multicast Market Data Feed = 100 Mb per “Feed” Pair (One EDGA, One EDGX)
- Direct Edge Order Entry Basic Recommendation = 1.5 Mb per Login Pair (One EDGA Login, One EDGX Login)

Order Entry Connection Rate Examples	
<i>Capacity Connection</i>	<i>Message Rates</i>
256 K	75 messages / second
512 K	150 messages / second
1.5 Mb	450 messages / second

Network Integration

- BGP peering will be setup between Direct Edge and each client
- A private BGP AS will be given to each client by Direct Edge
- A /29 block of private IP address space will be provided to each client to configure NAT on their L3 Switch or router
- Physical Connectivity Options:
 - Metro & Gigabit Ethernet
 - Fiber & 10 Gb Fiber
 - Fiber connections should be 50/125 μm multimode or single mode with duplex SC connectors



Next Gen Port Charges

<i>Connection Type</i>	<i>Yearly Reoccurring Cost</i>
GigE	\$5,000
1 Gb	\$7,500
10 Gb	\$10,000

Direct Edge Main Connectivity Contact

Member Services
201-942-8220
memberservices@directedge.com

Direct Edge Network Contact

Infrastructure Operations
201-942-8253
infraorg@directedge.com

Direct Edge Sales Contact

Sales Hotline: 866.472.5267
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Equinix Sales Contact

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Equinix Carrier Services

Please follow the link below to the latest version of the Equinix Services Report of ISP's and Carriers:
http://equinix.com/equinix/downloads/Equinix_Network_Services_Report.pdf

Direct Edge Internal Carriers

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Direct Edge Extranets

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