

INET Nordic Production Connectivity Details - IP Subnets and Ports - VASBY and STOCKHOLM SOUTH

v4.0

For protocols where only subnet is specified, the specific IP address will be included in each member's account details available via Nasdaq Member Portal or from EMO@nasdaq.com

Protocol / Service	Subnets and IP addresses - Site A (VASBY)		Subnets and IP addresses - Site B (STOCKHOLM SOUTH)		Port / Port Range
	All Primary ports (and Secondary/Failover ports for Co-Lo customers)		Secondary/Failover ports for Extranet-, Direct Connect- and NODE customers (non Co-Lo)		
FIX Order Entry (OE)	159.79.192.0/22		204.190.224.0/22		18200
FIX Order Entry Drop (incl. Algo Child Order Drop)	159.79.192.0/22		204.190.224.0/22		18750
FIX Trade Reporting (TR)	159.79.136.0/21		204.190.224.0/22		19100
FIX Trade Reporting Drop	159.79.136.0/21		204.190.224.0/22		19740
OUCH (Shared Gateway)	159.79.136.0/21		204.190.224.0/22		16030
OUCH (Dedicated Gateway, colo only)	159.79.136.0/21		N/A		16300-16350
FIX Drop for OUCH traffic	159.79.136.0/21		204.190.224.0/22		16850
PRM API	159.79.136.0/21		204.190.224.0/22		16400
ITCH TCP - All Nordic/Baltic INET Markets	159.79.81.0/25		159.79.76.0/25		17001
ITCH TCP - Nordic Equities	159.79.81.0/25		159.79.76.0/25		17002
ITCH TCP - Stockholm Equities	159.79.81.0/25		159.79.76.0/25		17004
ITCH TCP - Stockholm Warrants	159.79.81.0/25		159.79.76.0/25		17003
ITCH TCP - Copenhagen Equities & Warrants	159.79.81.0/25		159.79.76.0/25		17005
ITCH TCP - Helsinki Equities & Warrants	159.79.81.0/25		159.79.76.0/25		17006
ITCH TCP - GLIMPSE for Equities & Warrants	159.79.81.0/25		159.79.76.0/25		17022
ITCH TCP - GLIMPSE for Equities only	159.79.81.0/25		159.79.76.0/25		17023
ITCH TCP - GLIMPSE for Warrants only	159.79.81.0/25		N/A		17024
ITCH TCP - Nordic Equity Last Sale (NLS)	159.79.81.0/25		159.79.76.0/25		17200
TIP	159.79.68.0/28 IP address: 159.79.68.1		159.79.77.48/28 IP address: 159.79.77.49		29900
FDS	192.176.3.96/27 IP address: 192.176.3.100		Same as site A. (Transparent failover through load balancer)		8080
Multicast services VASBY and STOCKHOLM SOUTH - Extranet, Direct Connect and NODE Access					
INET ITCH Multicast Equities & Warrants (Dual Site)¹		Primary - A Flow		Secondary/Failover (Site B) - B Flow	
ITCH Multicast Equities & Warrants ¹		Source IP address: 159.79.85.1 (within subnet 159.79.85.0/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.32 UDP port: 31032		Source IP address: 159.79.78.145 (within subnet 159.79.78.144/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.202 UDP port: 31202	
Re-request of lost ITCH Multicast messages ¹		159.79.81.0/25 IP address: 159.79.81.8 UDP port: 31532		159.79.76.0/25 IP address: 159.79.76.8 UDP port: 31702	
Rendezvous Point (RP) - PIM-SM join message (Direct Connect and NODE only)		RP-A: 159.79.85.252/32		RP-B: 159.79.85.249/32	
INET ITCH Multicast Equities only (1G Dual Site)²		Primary - A Flow		Secondary/Failover (Site B) - B Flow	
ITCH Multicast Equities only ²		Source IP address: 159.79.85.2 (within subnet 159.79.85.0/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.28 UDP port: 31028		Source IP address: 159.79.78.146 (within subnet 159.79.78.144/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.200 UDP port: 31200	
Re-request of lost ITCH Multicast messages ¹		159.79.81.0/25 IP address: 159.79.81.28 UDP port: 31528		159.79.76.0/25 IP address: 159.79.76.28 UDP port: 31700	
Rendezvous Point (RP) - PIM-SM join message (Direct Connect and NODE only)		RP-A: 159.79.85.252/32		RP-B: 159.79.85.249/32	
INET NLS Multicast (Dual Site)²		Primary - A Flow		Secondary/Failover (Site B) - B Flow	
Nordic Equity Last Sale (NLS) Multicast ²		Source IP address: 159.79.85.11 (within subnet 159.79.85.0/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.34 UDP port: 31034		Source IP address: 159.79.78.155 (within subnet 159.79.78.144/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.203 UDP port: 31203	
Re-request of lost NLS Multicast messages ²		159.79.81.0/25 IP address: 159.79.81.34 UDP port: 31534		159.79.76.0/25 IP address: 159.79.76.34 UDP port: 31703	
Rendezvous Point (RP) - PIM-SM join message (Direct Connect and NODE only)		RP-A: 159.79.85.252/32		RP-B: 159.79.85.249/32	
Multicast services VASBY - Co-location 1G Access					
INET ITCH Multicast Equities & Warrants (1G Co-location)¹		Primary - A Flow		Secondary/Failover (at primary site) - C Flow	
ITCH Multicast Equities & Warrants ¹		Source IP address: 159.79.85.1 (within subnet 159.79.85.0/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.32 UDP port: 31032		Source IP address: 159.79.85.17 (within subnet 159.79.85.16/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.33 UDP port: 31033	
Re-request of lost ITCH Multicast messages ¹		159.79.81.0/25 IP address: 159.79.81.8 UDP port: 31532		159.79.81.0/25 IP address: 159.79.81.9 UDP port: 31533	
Rendezvous Point (RP) - PIM-SM join message		RP-A: 159.79.85.252/32		RP-C: 159.79.85.253/32	
INET ITCH Multicast Equities only (1G Co-location)¹		Primary - A Flow		Secondary/Failover (at primary site) - C Flow	
ITCH Multicast Equities only ¹		Source IP address: 159.79.85.2 (within subnet 159.79.85.0/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.28 UDP port: 31028		Source IP address: 159.79.85.18 (within subnet 159.79.85.16/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.29 UDP port: 31029	
Re-request of lost ITCH Multicast messages ¹		159.79.81.0/25 IP address: 159.79.81.28 UDP port: 31528		159.79.81.0/25 IP address: 159.79.81.29 UDP port: 31529	
Rendezvous Point (RP) - PIM-SM join message		RP-A: 159.79.85.252/32		RP-C: 159.79.85.253/32	

INET NLS Multicast (1G Co-location)²	Primary - A Flow	Secondary/Failover (at primary site) - C Flow	
Nordic Equity Last Sale (NLS) Multicast ²	Source IP address: 159.79.85.11 (within subnet 159.79.85.0/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.34 UDP port: 31034	Source IP address: 159.79.85.27 (within subnet 159.79.85.16/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.35 UDP port: 31035	
Re-request of lost NLS Multicast messages ²	159.79.81.0/25 IP address: 159.79.81.34 UDP port: 31534	159.79.81.0/25 IP address: 159.79.81.35 UDP port: 31535	
Rendezvous Point (RP) - PIM-SM join message	RP-A: 159.79.85.252/32	RP-C: 159.79.85.253/32	
Multicast services VASBY - Co-location 10G Ultra Access			
INET ITCH Multicast Equities & Warrants (10G Co-location)¹	Primary - A Flow	Secondary/Failover (at primary site) - C Flow	
ITCH Multicast Equities & Warrants ¹	Source IP address: 159.79.85.129 (within subnet 159.79.85.128/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.42 UDP port: 31042	Source IP address: 159.79.85.145 (within subnet 159.79.85.144/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.43 UDP port: 31043	
Re-request of lost ITCH Multicast messages ¹	159.79.81.0/25 IP address: 159.79.81.10 UDP port: 31542	159.79.81.0/25 IP address: 159.79.81.11 UDP port: 31543	
Rendezvous Point (RP) - PIM-SM join message	RP-A: 159.79.85.252/32	RP-C: 159.79.85.253/32	
INET ITCH Multicast Equities only - Ultra Low Latency (10G Co-location)¹	Primary - A Flow	Secondary/Failover (at primary site) - C Flow	
ITCH Multicast Equities only ¹	Source IP address: 159.79.69.225 (within subnet 159.79.69.224/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.40 UDP port: 31040	Source IP address: 159.79.69.241 (within subnet 159.79.69.240/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.41 UDP port: 31041	
Re-request of lost ITCH Multicast messages ¹	159.79.81.0/25 IP address: 159.79.81.40 UDP port: 31540	159.79.81.0/25 IP address: 159.79.81.41 UDP port: 31541	
Rendezvous Point (RP) - PIM-SM join message	RP-A: 159.79.85.240/32	RP-C: 159.79.85.241/32	
INET ITCH Multicast Warrants only (10G Co-location)¹	Primary - A Flow	Secondary/Failover (at primary site) - C Flow	
ITCH Multicast Warrants only ¹	Source IP address: 159.79.85.131 (within subnet 159.79.85.128/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.38 UDP port: 31038	Source IP address: 159.79.85.147 (within subnet 159.79.85.144/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.39 UDP port: 31039	
Re-request of lost ITCH Multicast messages ¹	159.79.81.0/25 IP address: 159.79.81.38 UDP port: 31538	159.79.81.0/25 IP address: 159.79.81.39 UDP port: 31539	
Rendezvous Point (RP) - PIM-SM join message	RP-A: 159.79.85.252/32	RP-C: 159.79.85.253/32	
INET NLS Multicast (10G Ultra Co-location access)²	Primary - A Flow	Secondary/Failover (at primary site) - C Flow	
Nordic Equity Last Sale (NLS) Multicast ²	Source IP address: 159.79.85.139 (within subnet 159.79.85.128/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.44 UDP port: 31044	Source IP address: 159.79.85.155 (within subnet 159.79.85.144/28) Destination IP address and port in direction to client: IP Multicast group address: 233.74.125.45 UDP port: 31045	
Re-request of lost NLS Multicast messages ²	159.79.81.0/25 IP address: 159.79.81.44 UDP port: 31544	159.79.81.0/25 IP address: 159.79.81.45 UDP port: 31545	
Rendezvous Point (RP) - PIM-SM join message	RP-A: 159.79.85.252/32	RP-C: 159.79.85.253/32	
			Last updated 2025-09-09

¹ For details on ITCH Multicast setup, please consult the INET ITCH UDP Multicast presentation at <https://www.nasdaq.com/solutions/european-market-connectivity>

² For details on NLS Multicast setup, please consult the INET NLS UDP Multicast presentation at <https://www.nasdaq.com/solutions/european-market-connectivity>