Settlement-Free Peering Policy for Net Access Corporation

This document outlines the guidelines and prerequisites that Net Access Corporation uses to determine whether a provider qualifies for peering. Net Access Corporation reserves the right to modify, replace, or nullify this document at any time.

About Net Access Corporation

Established in 1995 Net Access Corporation is the Northeast's largest independently operated Internet services provider, which maintains an International MPLS/IP infrastructure, operated under global Autonomous System Number 8001. Net Access Corporation has an aggregate peak bandwidth utilization of approximately 4.2 Gbps, with a 2:1 traffic ratio in favor of outbound.

1. **Internet Peering Requirements**

    a. Both parties shall operate an experienced Network Operations Center manned 24 hours a day, 7 days a week. The network operations center should have a 24 x 7 escalation path to senior level engineers for resolving issues in a timely manner.

    b. Potential peering partners must demonstrate and enforce strict filtering policies to prevent route leaks.

    c. A good faith effort should be made to facilitate communication regarding network maintenance that will affect traffic exchange.

    d. Both parties shall be responsive to unsolicited bulk email and Denial of Service attacks, as well as other network abuse complaints. A good faith effort should be made to provide a qualified engineer to trace ongoing network attacks within a reasonable amount of time.

2. **Technical & Routing Requirements**

    a. Both parties should maintain sufficient connectivity to enable saturation free delivery of traffic. Both parties should act proactively to establish additional capacity to accommodate traffic growth.

    b. Neither party shall point default 뱏oute of last resort? add a static route; or otherwise send traffic to the other party for a route not advertised via BGP.

    c. Neither party shall modify, sell, or provide the next-hop to a third party.

    d. Under no circumstances shall the interconnection partner be a

simultaneous peer and transit customer.

e. Both parties must enable MD5 authentication on their eBGP session (s).

3. **Public Peering Requirements**

a. North American Public Peering Requirements

i. Interconnection at a minimum of two (2) diverse peering points. For our complete North American public peering points, consult appendix 밃?

ii. At least 25Mb/s of aggregate traffic measured at peak times must be exchanged.

b. European Public Peering Requirements

i. Interconnection at one (1) or more peering points in common. For our complete European peering points, consult appendix 밵?

ii. At least 15Mb/s of aggregate traffic measured at peak times must be exchanged.

c. Global Public Peering Requirements

i. Interconnection at a minimum of two (2) geographically diverse continents (North America and Europe.) Consult appendixes 밃?and 밵?for a complete listing of our public peering points.

ii. At least 15Mb/s of aggregate traffic measured at peak times must be exchanged.

4. **Private Peering Requirements**

a. North American Private Peering Requirements

i. Private interconnection at a minimum of two (2) diverse private peering cities. For our complete North American private peering locations, consult appendix 밅?

ii. At least 50 Mb/s of aggregate traffic measured at peak times must be exchanged.

iii. Uniform interconnection speeds are

preferred; interconnection should have no less than 100Mb/s of capacity.

b. European Private Peering Requirements

i. Private interconnection at one (1) private peering city. For our complete European private peering locations, consult appendix 밆?

ii. At least 50Mb/s of aggregate traffic measured at peak times must be exchanged.

iii. Interconnection(s) should have no less than 100Mb/s of capacity.

c. Global Private Peering Requirements

i. Private interconnection at two (2) geographically diverse continents (North America and Europe.) Consult appendixes 밅?and 밆?for a complete listing of our private peering locations.

ii. At least 50Mb/s of aggregate traffic measured at peak times must be exchanged.

iii. Interconnections should have no less than 100Mb/s of capacity.

5. **General Policy**

a. Net Access Corporation reserves the right to modify, replace, or nullify this document at any time.

b. Any interconnection may be terminated for any reason, with 30 days notice.

c. A good faith effort should be made to split the cost, if any, for Private Network Interconnections.

d. Meeting all of the requirements stated in the Policy does not guarantee NAC will enter a settlement-free interconnection relationship with applicant. NAC reserves the right to deny settlement-free peering to an applicant based on business reasons. NAC also reserves the right to make exceptions to this policy for special case or legacy peering partners.

e. Applicants may apply to apply for settle-free peering once every

three (3) months.

Technical Details	
Global ASN	8001
IRR AS-Macro	AS-NAC
Engineering Web Site	**http://www.eng.nac.net/**
Approximate Advertised Routes	1300

Administrative Contact Information	
Peering Coordinator	Dave D.
Peering E-Mail Address	**peering@nac.net**
Facsimile	+1.973.590.5080
INOC-DBA	8001*SJS (757)

24x7 Network Operations Center	
E-Mail Address	**network@nac.net**
Voice	+1.973.590.5050
Facsimile	+1.973.590.5080
INOC-DBA	8001

Appendix A: North American Public Peering Points

Exchange Point	IP Address	ASN	Connection Type	Status
Equinix Ashburn	206.223.115.69	8001	Gigabit Ethernet	**Active**
Equinix Chicago	206.223.119.69	8001	Gigabit Ethernet	**Active**
Equinix Newark	206.223.131.69	8001	Gigabit Ethernet	**Active**
NYIIX	198.32.160.20	8001	Gigabit Ethernet	**Active**
NYCX	198.32.229.10	8001	Gigabit Ethernet	**Active**
NOTA		8001	Gigabit Ethernet	**Pending**
PAIX-NYC		8001	Gigabit Ethernet	**Pending**
TorIX	198.32.245.38	8001	Fast Ethernet	**Active**

Appendix B: European Public Peering Points

Exchange Point	IP Address	ASN	Connection Type	Status
LINX	195.66.224.94	8001	Gigabit Ethernet	**Active**
LoNAP	193.203.5.140	8001	Fast Ethernet	**Active**
AMS-IX		8001	Gigabit Ethernet	**Pending**

Appendix C: North American Private Peering Locations

Address	Facility	Floor(s)	Connection Types	Status

25 Broadway, NY	Telehouse of America	5th (site 3)	OC-3; OC-12; Fast Ethernet; Gigabit Ethernet	**Active**
60 Hudson Street, NY	TelX	9th; 23rd	Fast Ethernet; Gigabit Ethernet	**Active**
151 Front Street	Switch and Data	7th (suite 704)	OC-12; Fast Ethernet; Gigabit Ethernet	**Active**
1719B Route 10 East	NAC	318; LL101	OC-3; OC-12; Fast Ethernet; Gigabit Ethernet	**Active**
21715 Filigree Court	Equinix Ashburn	Cage 2050	OC-3; OC-12; Fast Ethernet; Gigabit Ethernet	**Active**
300 E.	Equinix Chicago	Cage 160	OC-12; Fast Ethernet; Gigabit Ethernet	**Active**
165 Halsey Street, NJ	Equinix Newark	Cage 10	OC-3; OC-12; Fast Ethernet; Gigabit Ethernet	**Active**
32 Old Slip, NY	Global NAPs	8th	Fast Ethernet; Gigabit Ethernet	**Pending**
111 8th Ave, NY	Switch and Data		OC-12; Fast Ethernet; Gigabit Ethernet	**Pending**

Appendix D: European Private Peering Locations

Address	Facility	Floor(s)	Connection Types	Status
Coriander Ave	Telehouse North Docklands	TFM4	OC-12; Fast Ethernet; Gigabit Ethernet	**Active**