Telxius PEERING POLICY

This document shall serve as a guideline for ISP seeking peering agreement with Telxius. Meeting or exceeding all of the above requirements does not guarantee Telxius will enter into a peering relationship with Interconnection candidate. Telxius reserves the right, in its sole and absolute discretion, to revise this policy at any time and without notice and shall be under no obligation to enter into a peering agreement with a prospect that meets some or all of the criteria set forth above and the provision of this peering policy shall not be construed to impose such an obligation or as an offer giving rise to any rights. All questions regarding this document, or request for peering, should be directed to peering.telxius@telxius.com

Telxius Peering Guidelines

Operations Requirements

Both parties shall maintain a fully staffed Network Operations Center that operates 24 hours a day, 7 days a week.

Both parties shall provide an escalation path for resolving network issues in a timely fashion. Issues of a non-emergency technical nature should be responded to within 48 hours.

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

Both parties shall provide access to a route server, looking glass, or similar service for the purposes of routing audits, diagnostics, and troubleshooting.

Technical Requirements

Both parties shall maintain sufficient backbone and interconnection capacity to support the traffic being exchanged.

Both parties are expected to register their routes in a public Internet Routing Registry (IRR) database, for the purposes of filtering.

Both parties shall make good faith efforts to keep this information up to date. Both parties shall make every reasonable effort to restrict the transmission of Denial of Service attacks and packets with forged source addresses from their network.

Both parties shall announce only their own routes and the routes of their transit customers to the other party. No other routes are permitted and may be filtered if detected. Neither party shall establish a static route, a route of last resort, or otherwise send traffic to the other party for a route not announced via BGP.

Neither party shall alter, sell, or give next-hop to a third party. These activities are considered theft of service and will be prosecuted to the fullest extent of the law.

Neither party shall announce to the other a more specific route of a prefix heard from a third party transit customer.

Peering Requirements

Traffic Volume. The aggregate amount of traffic exchanged in each direction between the Partner and Telxius Internet Network shall equal or exceed 150Gbps of traffic. The traffic to be measured will include only customer to customer traffic excluding any transit traffic.

The prospective peer must have a significant customer base with a minimum of 170 distinct BGP customers worldwide.

The prospective peer must operate a single AS number for peering in all Regions and maintain consistent route announcements across all peering connections.

Public peerings free interconnections are not established, only private sessions if requirements are fulfilled.

For regional and worldwide peering, the Partner shall have a nationally-deployed, Internet backbone in the countries in which he desires enable a peering relation. The Partner shall operate on dedicated IP circuits of at least 10GE in the US and in Europe.

In each Region, the prospective peer must be able to exchange the following volumes of IP traffic on a sustained basis (as applicable): (i) at least 50 Gbps of IP traffic (inbound or outbound) as measured in the aggregate across all interconnection points in Europe; (ii) at least 50 Gbps of IP traffic (inbound or outbound) as measured in the aggregate across all interconnection points in North America, and (iii) at least 50 Gbps of IP traffic (inbound or outbound) as measured in the aggregate across all interconnection points in Latin America. Such traffic must be adequately distributed across the interconnection points within each Region.

Consistent routes announcements.

The partner will have to operate a fully redundant network capable of supporting node failures without hampering significantly the performance of the traffic exchange with the other backbone. At least two connection in each region (Europe and USA) are required, and each connection shall carry less than 50% of total traffic in order to be fully redundant.

Traffic exchange ratio. The ratio of the aggregate amount of traffic exchanged between the Partner and Telxius Internet Network shall be balanced and shall not exceed the ratio defined by Telxius.

A network (ASN) that is a customer of a Telxius network for any IP dedicated services may not simultaneously be a settlement-free peer of that same network.

Telxius reserves the right to terminate peering, upon a notice period as determined by the parties' agreement, with peers who do not meet the criteria described above. Maintaining a peering relationship with Telxius is also contingent upon the potential or existing peers continued financial stability. Periodic review of the policies above will be conducted to ensure that the criteria and eligibility requirements are consistent with Telxius growth and expansion.

In addition to the criteria set forth above, Telxius will consider a range of business factors and the strategic benefit to be derived from the proposed relationship. Telxius' ability to enter into a peering agreement is subject to: the availability of ports, the availability of sufficient capacity on Telxius' backbone network, the cost of interconnection, and the execution of a peering agreement prior to the implementation of the settlement-free exchange of traffic. The criteria set forth in this policy are not exhaustive and any final peering executed by Telxius and a prospect will contain additional terms and conditions.

Telxius - Peering Contact Information
Role Name E-mail
Peering, Peering Team peering.telxius@telxius.com

Telxius - IPv4 Peering information
ASN 12956
AS-SET AS-TDATANET
#pref. aprox.50.000

Telxius - IPv6 Exchange Point Peering Information
ASN 12956 Exchange Primary IP
AMSIX: 2001:7F8:1::A501:2956:1
LINX: 2001:7F8:4::329C:1
DECIX Frankfurt: 2001:7f8::329c:0:1