AS2518 Peering Policy

This document is a guideline for networks that is seeking to interconnect with AS2518 through BGP peering. The descriptions and requirements may change without any advanced notice, and does not guarantee a peering session.

1. Public Peering Locations

   The latest information can be found at http://as2518.peeringdb.com/

2. General Requirements

   At least one of the following are required to setup a session with AS2518

   - A) An as-set object and route object is registered on an IRR that is accessible from the Internet and the contact information is up to date
   - B) PeeringDB record is registered and up to date
   - C) Details on peering is available on a web site that is publicly accessible from the Internet
   - D) ROA is created and can be validated by RPKI

3. Specific Requirements

   An AS seeking peering with AS2518 should be one of the following

   - A) Is transit to more than 15 AS
   - B) Has at least 20Mbps (200Mbps for Japan) of peak traffic on an ongoing basis
   - C) Is an infrastructure that is critical to the Internet (such as Root DNS), or provides a non-profit service that promotes and supports the advancement of an open Internet

4. Private Peering

   If the peak traffic exceeds 10Gbps BIGLOBE is willing to consider Private Peering sessions (a.k.a. PNI). The interfaces available for private peering are limited to the following

   400GBase-LR4-10、400GBase-FR4
   100GBase-LR4、100GBase-LR1、100GBase-CWDM4

5. If possible, please describe geographical topology of your traffic (are the POPs connected by a backbone, do you use anycast, etc)

6. Others
   - A) Please let us know in advance how many routes you would like to advertise, or specify them in the Peering DB.
   - B) MD5 authentication is not available in principle, but we can set it if you wish.
   - C) Peering in the same peering region is limited to a maximum of two sessions. BIGLOBE defines six peering regions: Tokyo, Osaka, Hong Kong, Singapore,Europe, and North America.