PeeringDB Update

Arnold Nipper
arnold@peeringdb.com
1. What is PeeringDB
2. Tutorial
What is PeeringDB?

**Mission statement:** “PeeringDB, a nonprofit member-based organization, facilitates the exchange of user maintained interconnection related information, primarily for Peering Coordinators and Internet Exchange, Facility, and Network Operators.”

- A PeeringDB record makes it easy for people to find you, and helps you to establish peering.
- If you aren’t registered in PeeringDB, you can register at [https://www.peeringdb.com/register](https://www.peeringdb.com/register).
- We use basic verification for new accounts and require current whois information, so please:
  - Update and maintain your whois information.
  - Register from a company email address.
PeeringDB is a United States 501(c)(6) volunteer organization that is 100% funded by sponsorships

Healthy organization, building financial reserves and executing the long term strategic plan

Membership rules

- A corporation, limited liability company, partnership or other legal business entity may be a Member of the Corporation
- Membership is determined by having both an active PeeringDB.com account and an individual representative or role subscription to the PeeringDB Governance mailing list
- 327 addresses subscribed to the Governance mailing list (as of 25 Apr, 2017)
- Governance list is at http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-gov
- More information available at http://gov.peeringdb.com/
## Committees

<table>
<thead>
<tr>
<th>Admin Committee</th>
<th>Product Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Manage administration of user accounts and PeeringDB records</td>
<td>• Ask for input from the community on desired features</td>
</tr>
<tr>
<td>• Answer support tickets</td>
<td>• Manage roadmap and development priorities</td>
</tr>
<tr>
<td>• Board members Job Snijders (Chair) and Arnold Nipper (Vice Chair)</td>
<td>• Write SoWs to solicit bids to complete requested features</td>
</tr>
<tr>
<td>• Language experience is helpful</td>
<td>• Board members Aaron Hughes (Chair) and Matt Griswold (Vice Chair)</td>
</tr>
<tr>
<td>• Contact: <a href="mailto:admincom@lists.peeringdb.com">admincom@lists.peeringdb.com</a></td>
<td>• Contact: <a href="mailto:productcom@lists.peeringdb.com">productcom@lists.peeringdb.com</a></td>
</tr>
</tbody>
</table>
• Admin Committee volunteers are based around the world in a variety of time zones
• Goal is to resolve support tickets within 24 hours
Agenda

1. What is PeeringDB
2. Tutorial
Register or Request Affiliation to an Existing Organization

1. Go to Your Profile

2. Confirm Email Address
   (Click Here if not Confirmed)

3. Enter ASN or Organization Here
   Autocomplete on Existing ASNs and Organizations in PeeringDB

4. Click “Affiliate”
   Existing: Organization Admin Needs to Approve
   New: Generates a Support Ticket for Validation and Approval
• Network records should already have an organization admin copied from PeeringDB 1.0
• Facility and exchange records will need to have an organization admin assigned

Click “Request Ownership”
Generates a Support Ticket for Validation and Approval
### Facilities

<table>
<thead>
<tr>
<th>Name</th>
<th>Country/City</th>
</tr>
</thead>
<tbody>
<tr>
<td>XCardiff</td>
<td>United Kingdom/City</td>
</tr>
</tbody>
</table>

**LINX has 1 Facility**

### Networks

<table>
<thead>
<tr>
<th>Name</th>
<th>ASN</th>
</tr>
</thead>
<tbody>
<tr>
<td>LINX NoVA (LINX USA Inc.)</td>
<td>21919</td>
</tr>
<tr>
<td>LINX Route Servers</td>
<td>6714</td>
</tr>
<tr>
<td>London Internet Exchange (LINX)</td>
<td>5459</td>
</tr>
</tbody>
</table>

**LINX has 2 Network Records**

### Exchanges

<table>
<thead>
<tr>
<th>Name</th>
<th>Country/City</th>
</tr>
</thead>
<tbody>
<tr>
<td>XCardiff</td>
<td>United Kingdom/City</td>
</tr>
<tr>
<td>XManchester</td>
<td>United Kingdom/Manchester</td>
</tr>
<tr>
<td>XScotland</td>
<td>United Kingdom/Scotland</td>
</tr>
<tr>
<td>LINX LON1</td>
<td>United Kingdom/London</td>
</tr>
<tr>
<td>LINX LON2</td>
<td>United Kingdom/London</td>
</tr>
<tr>
<td>LINX NoVA</td>
<td>United States of America/Northern Virginia</td>
</tr>
</tbody>
</table>

**LINX has 6 Exchange Records**
Account “job” is Affiliated with 4 Organizations
Organization User Management

Approve or Deny Pending Requests
Delegate Permissions for Members
Admins Have Access to Everything

Change User Access Levels
Admin – Administrator
Member – Delegate Permissions

Remove Users From the Organization
Does not Remove the User Account From PeeringDB
User “equinix-uk” can Manage Several Network Records, but no Exchanges or Facilities

- Network - Equinix Netherlands
- Network - Equinix UK
- Network - Equinix Germany
- Network - Equinix France
- Network - Equinix Switzerland

Create – New Entries in Record
Update – Change Existing Entries in Record
Delete – Delete Entries in Record

User “rho” can Manage the “Equinix Connect” Network Record, and Any Exchange or Facility
### Network Record Contact Information Permissions

#### Contact Information

<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Visibility</th>
<th>Phone</th>
<th>E-Mail</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOC</td>
<td>Greg Hankins, Alastair</td>
<td>Private</td>
<td></td>
<td><a href="mailto:as38015@alcatel-lucent.com">as38015@alcatel-lucent.com</a></td>
</tr>
<tr>
<td></td>
<td>Users</td>
<td></td>
<td></td>
<td><a href="mailto:as38015@alcatel-lucent.com">as38015@alcatel-lucent.com</a></td>
</tr>
<tr>
<td>Technical</td>
<td>Greg Hankins, Alastair</td>
<td>Private</td>
<td></td>
<td><a href="mailto:as38015@alcatel-lucent.com">as38015@alcatel-lucent.com</a></td>
</tr>
<tr>
<td></td>
<td>Users</td>
<td></td>
<td></td>
<td><a href="mailto:as38015@alcatel-lucent.com">as38015@alcatel-lucent.com</a></td>
</tr>
</tbody>
</table>

#### Separate Visibility Preferences for Each Role

- **Private** – Organization Only (Default)
- **Users** – Registered Users Only
- **Public** – Anyone (no Login Required)

#### Roles:
- Abuse
- Policy
- Technical
- NOC
- Public Relations
- Sales
1. Go to your network record and click on “Edit”
2. Start to type in the name of the IXP and select the IXP
3. If the IXP is missing, contact PeeringDB support
4. Add your IP addresses, port speed, and click the “RS Peer” box if you peer with the route server
5. Finally click on “Add Exchange Point”
   • Use the same procedure for adding a Facility
Thank you to our sponsors!

Diamond Sponsors

Platinum Sponsors

Gold Sponsors

Silver Sponsors

SANOG 30, Gurgaon, India
Questions?