Introduction to PeeringDB

Arnold Nipper

arnold@peeringdb.com

What is PeeringDB?

- Why should my facility, IXP or network be listed in PeeringDB?
  - Helps establish new peering more efficiently, with all information easy to find in one place
    - Maintain all of your contact and connection info
    - Find other network's peering contact and connection info
    - Find interconnection facility and IXP info

  - A PeeringDB record is required by many networks to peer

  - Can be used for automation to generate router configurations
    - Initial configuration to setup peering quickly
    - Update configuration if maximum prefixes change

India and its Neighbours

Country	IX	Facilities	Networks at IXes	Networks in Facilities	Networks total	Networks in PeeringDB	Networks in RIR
BT	1	3	8	1	8	13	19
CN	12	18	40	7	45	93	1641
IN	23	102	433	351	516	647	2447
LK	0	0	0	0	0	7	25
MV	0	0	0	0	0	5	13
MM	1	3	12	1	13	27	84
NP	2	4	18	2	19	32	101
PK	0	2	0	2	2	39	178

The GUI

National Internet Exchange of India   Edit

Website	http://nixi.in
Address 1	6C,6D,6E, Hansalaya Building 15
Address 2	Barakhamba Road
Location	New Delhi, Delhi 110001
Country Code	India
Notes	

Facilities   Filter

Name ▼	Country City
NIXI Delhi	India Noida

Networks   Filter

Name ▼	ASN
National Internet Exchange of India	24029

Exchanges   Filter

Name ▼	Country City
NIXI Ahmedabad	India Ahmedabad
NIXI Bangalore	India Bangalore
NIXI Chennai	India Chennai
NIXI Delhi	India Delhi
NIXI Hyderabad	India Hyderabad
NIXI Kolkata	India Kolkata
NIXI Mumbai	India Mumbai

Facilities are Shown Here
NIXI has 1 Facility

Networks are Shown Here
NIXI has 1 Network Record

Exchanges are Shown Here
NIXI has 7 Exchange Records

RESTful API Designed for Automation

- All operations are supported and are designed to be automated
  - Read
  - Create
  - Update
  - Delete
- Each object type has an associated tag
  - Basic types: org, net, ix, fac, poc
  - Derived types: ixfac, ixlan, ixpfx, netfac, netixlan
- List of objects: https://peeringdb.com/apidocs/
- API documentation: http://docs.peeringdb.com/api_specs/

Quick Example Output in JSON

- List all networks: `curl -sG https://peeringdb.com/api/net`

- Specific: https://peeringdb.com/api/net/20?pretty&depth=0&fields=id,org_id,name,asn,created,updated

```
{
  "meta": {},
  "data": [
   {
     "id": 20,
     "org_id": 10356,
     "name": "20C",
     "asn": 63311,
     "created": "2014-11-17T14:59:34Z",
     "updated": "2019-02-23T00:12:20Z"
   }
  ]
}
```

Governance and Membership

- 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
  - 344 addresses subscribed to the Governance mailing list (as of April 16, 2019)
  - Governance list is at http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-gov
  - More information available at http://gov.peeringdb.com/

Committees

Admin Committee	Operations Committee	Outreach Committee	Product Committee
• Manage administration of user accounts and PeeringDB records • Answer support tickets	• Manage PeeringDB infrastructure	• Manage marketing and social media • Develop and maintain presentations, workshops and webinars • Coordinate presentations and attendance at events	• Manage roadmap and development priorities • Ask for input from the community on desired features • Write SoWs to solicit bids to complete requested features
Leads: Stefan Funke (Chair) Contact: admincom@lists.peeringdb.com	Leads: Job Snijders (Chair) and Aaron Hughes (Vice Chair) Contact: pdb-ops@lists.peeringdb.com	Leads: Greg Hankins (Chair) and Bijal Sanghani (Vice Chair) Contact: outreachcom@lists.peeringdb.com	Leads: Eric Loos (Chair) and Matt Griswold (Vice Chair) Product Manager: Filiz Yilmaz Contact: productcom@lists.peeringdb.com

New Product Manager

- Filiz Yilmaz joined as our Product Manager on 2019-04-01
- Responsibilities
  - Facilitate the creation of an ongoing roadmap for PeeringDB and provide this as input to the Outreach Committee
  - Shepherd the discussions of issues on GitHub and ensure resolution of issues that require decisions
  - Manage implementation and rollout of new features
  - Maintain the PeeringDB software release schedule
  - Keep Product Committee related documents on docs.peeringdb.com up to date
- Contact: filiz@peeringdb.com

Filiz Yilmaz

Support Ticket Statistics

Total Tickets/Year ■ PeeringDB 1.0 ■ PeeringDB 2.0

Year	Value
2012	1389
2013	2284
2014	3050
2015	2828
2016	6873 (6225 / 648)
2017	9966
2018	9915
2019	10017 (5873 / 4144)

Tickets/Day — Resolution Time (d)

Tickets/Day: 3.81, 6.26, 8.36, 7.75, 8.76, 21.39, 27.68, 27.93, 27.63

Resolution Time (d): 1.00, 1.06, 1.27, 4.39, 0.53, 0.59, 0.55, 0.24, 0.23

300% Increase!
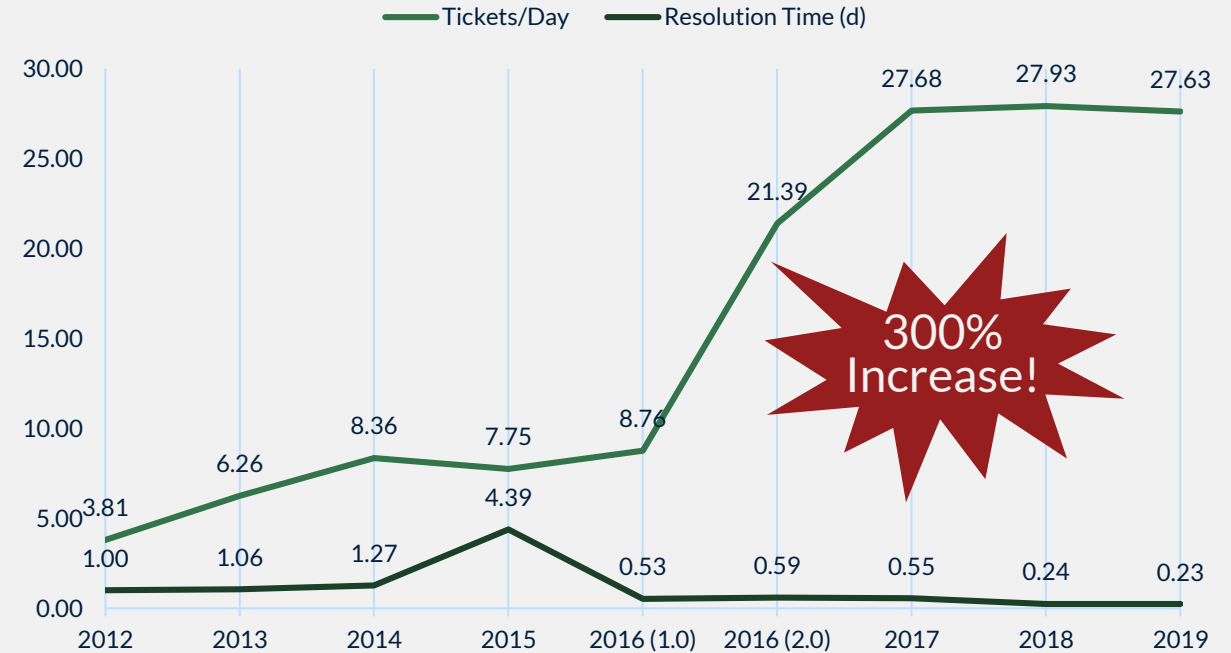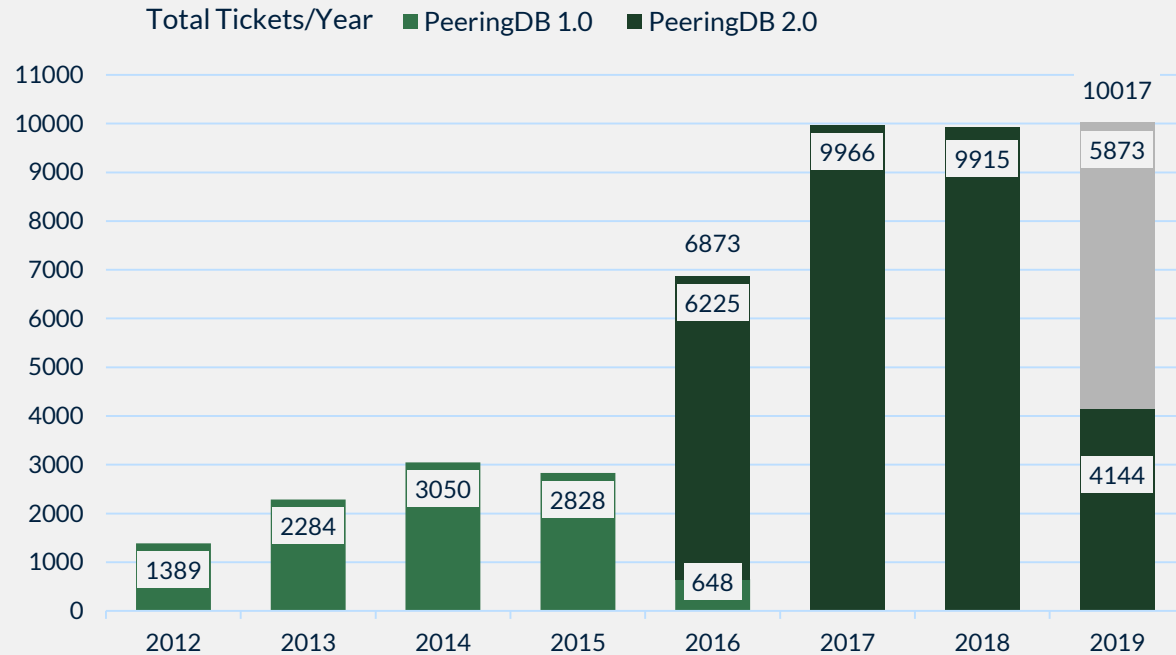
- Admin Committee volunteers are based around the world in a variety of time zones with diverse language skills
- Goal is to resolve support tickets within 24 hours

Become a PeeringDB Sponsor!

- Diamond Sponsorship - $25,000 / year
  - Limited to 2 sponsors
  - Very large logo on top line of Sponsors page with URL
  - Diamond Sponsor badge display on all records
  - Social media promotion
- Platinum Sponsorship - $10,000 / year
  - Large logo on second line of Sponsors page with URL
  - Platinum Sponsor badge display on all records
  - Social media promotion
- Gold Sponsorship - $5,000 / year
  - Medium logo on third line of Sponsors page
  - Gold Sponsor badge display on all records
  - Social media promotion
- Silver Sponsorship - $2,500 / year
  - Small logo on fourth line of Sponsors page
  - Silver Sponsor badge display on all records
  - Social media promotion
- Contact sponsorship@peeringdb.com for sponsorship info

Microsoft   Diamond Sponsor

Organization	Microsoft
Also Known As	8068
Company Website	http://www.microsoft.com
Primary ASN	8075
IRR Record	AS-MICROSOFT

DE-CIX Frankfurt   Platinum Sponsor

Organization	DE-CIX Management GmbH
Long Name	Deutscher Commercial Internet Exchange
City	Frankfurt
Country	DE
Continental Region	Europe

Thank you to our sponsors!

Diamond Sponsor

amazon
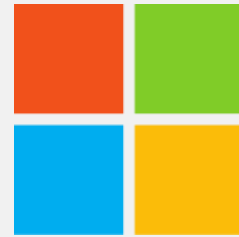
Microsoft

Platinum Sponsors

DE-CIX

Gold Sponsors

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Silver Sponsors

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Rebranding

- Having branding and set of graphics that work together

- Capturing the evolving scope of PeeringDB as a resource of interconnetcion

- The logo design carries three attributes
  - Database
  - Interconnection
  - User-maintained data

PeeringDB is Open Source Software!

- Open source release announcement on 2018-11-10
  - Released under the 2-Clause BSD License:
    https://opensource.org/licenses/BSD-2-Clause
- Beneficial to the peering and interconnection community by promoting innovation
  - Allows volunteers to contribute
  - Makes it easier for third parties to bid on new features specified by the Product Committee
  - A processes for accepting contributions will be announced
- Source code is available on GitHub:
  https://github.com/peeringdb/peeringdb

Internationalization Support – New in 2.9.1

ghankins

Nokia
Profile
Logout

Select language

English

English
Portuguese

You have confirmed your email address!

1. Go to Your Profile

2. Choose Your Language and click "Set language preference"

3. Text Now Appears in the Selected Language!

Translations Wanted!
Get in Touch With
productcom@lists.peeringdb.com if You are Interested in Translating.

Especificamente, somos um banco de dados de redes que fazem peering, onde eles fazem peering, e se eles gostariam de fazer peering com você. Se você não sabe o que é peering, e/ou se você ainda não faz peering, então isso provavelmente não terá qualquer significado para você.
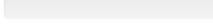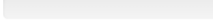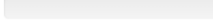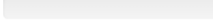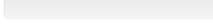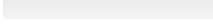
Você está atualmente numa visualização somente leitura dos dados contidos aqui. Se você é uma rede de peering que gostaria de criar uma conta, você pode se registrar para uma aqui. Por favor, registrar apenas se estiver uma rede de Peering

Ainda tem dúvidas ou perguntas? Leia o nosso FAQ

Current Translations

How to contribute to translations

1. Open a new issue named "Please generate locale files" on the GitHub issue page: https://github.com/peeringdb/peeringdb/issues

2. Your language / locale will be added to https://translate.peeringdb.com

3. Add yourself for selected languages / locales
   - Login to https://translate.peeringdb.com with your PeeringDB credentials
   - Edit your profile https://translate.peeringdb.com/accounts/profile/ and add languages your want to help translating

4. PeeringDB team continuously uploads the files to the beta website
   - You can check your translation on the beta website: https://beta.peeringdb.com/

For more info visit: https://docs.peeringdb.com/translation/

Information and Resources

- Announce list: http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-announce

- Governance list: http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-gov

- Technical list: http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-tech

- User Discuss list: http://lists.peeringdb.com/cgi-bin/mailman/listinfo/user-discuss

- Docs, presentations, guides, tools: http://docs.peeringdb.com/

- Board and Officers: stewards@lists.peeringdb.com

- Admins: support@peeringdb.com

- Presentation requests: outreach@lists.peeringdb.com

- Uptime status: http://status.peeringdb.com/

- Bugs and feature requests: https://github.com/peeringdb/peeringdb/

- Social media:

- @PeeringDB

- https://www.facebook.com/peeringdb/

- https://www.linkedin.com/company/peeringdb

PeeringDB

Questions?