PeeringDB

PeeringDB Update

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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

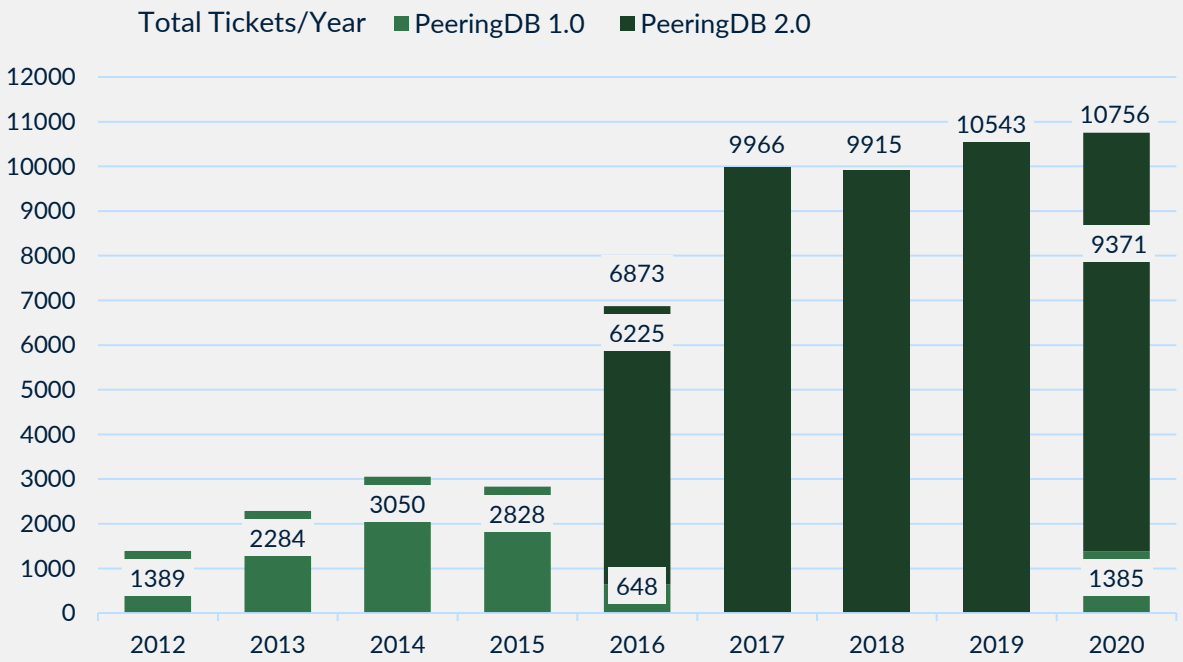
Governance and Membership

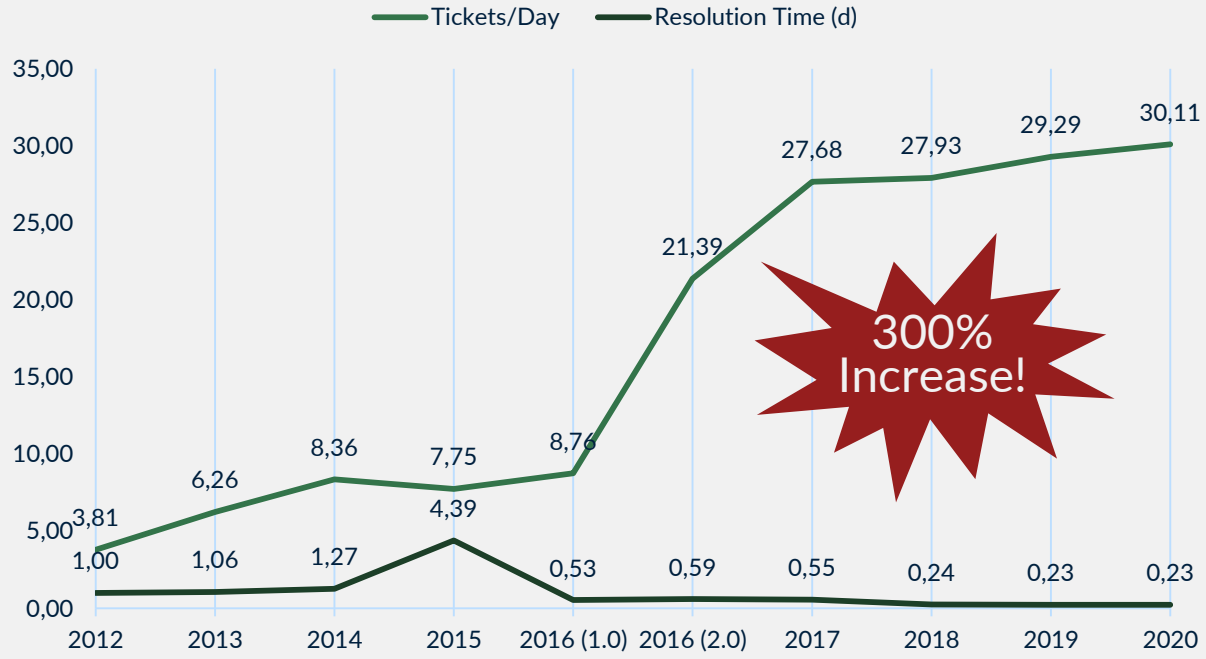
- PeeringDB is a United States 501(c)(6) volunteer organization that is 100% funded by sponsorships
- Healthy organization, building financial reserves and executing the long term strategic plan
- Membership rules
  - A corporation, limited liability company, partnership or other legal business entity 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 • Cleansing and completion of PeeringDB records	• 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: Stephen McManus (Chair) and Matt Griswold (Vice Chair) Product Manager: Filiz Yilmaz Contact: productcom@lists.peeringdb.com

Support Ticket Statistics





- 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

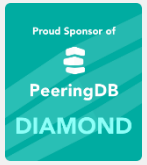
Database Record Statistics

	2.0 Launch 2016-03-15	2016-12-31	2016 % Growth	2017-12-31	2017 % Growth	2018-12-31	2018 % Growth	2019-12-31	2019 % Growth
Exchanges	625	556	-11	623	12	675	8	725	7
Networks	5,881	8,164	39	11,460	40	14,366	25	17,545	22
Facilities	1,955	2,128	9	2,665	25	2,995	12	3,508	17
Organizations	7,437	9,080	22	11,865	31	14,349	21	17,204	20
Users	7,866	11,486	46	15,538	35	19,668	27	24,101	23

- Strong growth each year since PeeringDB 2.0 launch
  - Lower IXP count in 2016 due to database cleanup
- Users number indicates registered users affiliated with an organization
  - All information except for contact info is available without a login
  - Not an indication of total PeeringDB users

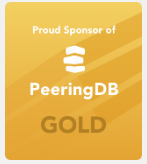
Become a PeeringDB Sponsor!

- 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

Microsoft Diamond Sponsor

Organization	Microsoft Corporation
Also Known As	8068 8069
Company Website	
Primary ASN	8075

DE-CIX Frankfurt Platinum Sponsor

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

Proud Sponsor of PeeringDB Gold

Contact sponsorship@peeringdb.com for sponsorship info!

Thank you to our sponsors!

Diamond Sponsor

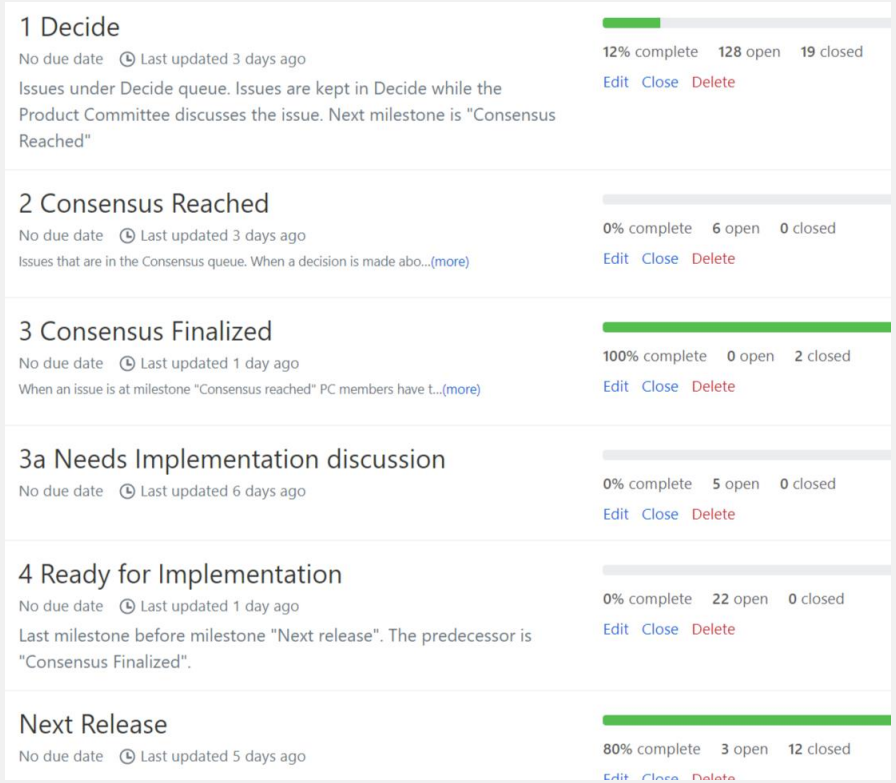
Platinum Sponsors

Gold Sponsors

Silver Sponsors

Product Development Workflow

- All issues tracked using GitHub at https://github.com/peeringdb/peeringdb/issues
  - Anyone can open a feature requests or file a bug report
  - Open and transparent process for product development
  - Workflow is at http://docs.peeringdb.com/workflow/
- Product Committee issue process
  - Evaluate and prioritize the requests
  - Request a quote for development costs
  - Request budget from the board
  - Manage implementation and scheduling
- Your input is needed on features!



Release Process

- Announced at least one week in advance with all changes to give the community notice
  - Beta site is already running the development version for testing
  - Announced on PDB Announce list, Twitter, Facebook
- Released on Wednesdays at 0400Z and avoids
  - Mondays and Fridays
  - International holidays
  - Large conferences and events (APRICOT, EPF, GPF, NANOG, RIPE, etc.)
- List of current changes (release notes) for each version are on GitHub at https://github.com/peeringdb/peeringdb/milestones

Beta Development

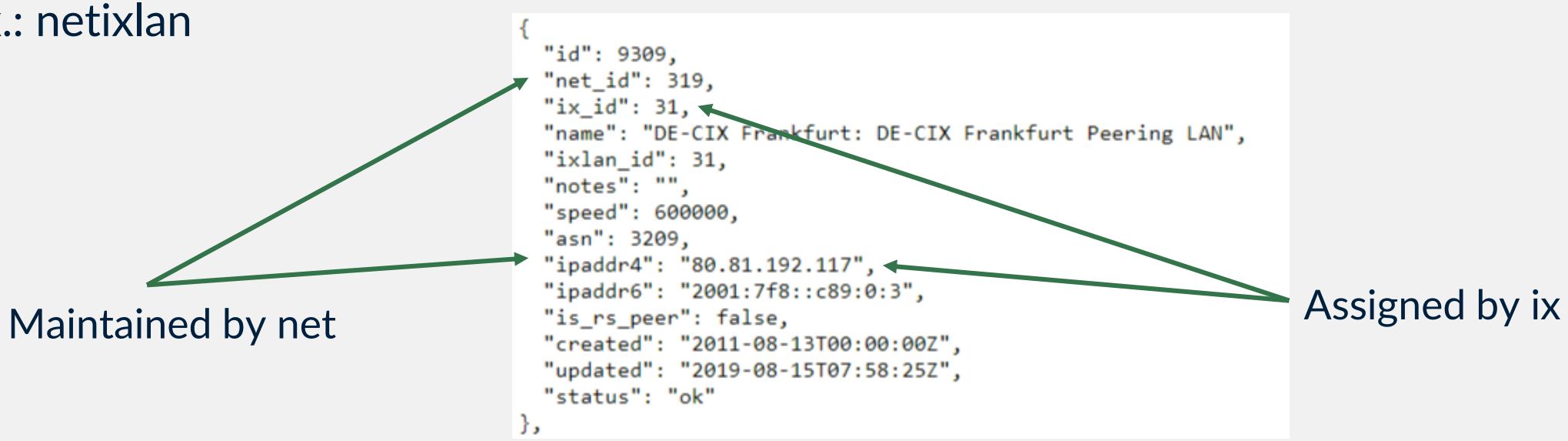
- Beta server
  - Available at https://beta.peeringdb.com/
  - Runs the latest beta software version
  - Full access over HTTP and the API
  - Database is local to the beta server only, changes are not reflected on the production servers
- Latest changes
  - Available at https://beta.peeringdb.com/changes
  - Redirects to the list of issues on GitHub
  - Documents all of the changes in the current beta version
- Anyone can log bugs and feature requests in GitHub at https://github.com/peeringdb/peeringdb/issues

Recent Development Highlights

- Product Committee Decision Making process
  - Renewed process to act faster on issues
  - Product Committee Members to shepherd discussions
  - Logging decisions on Github for info dissemination and transparency purposes \
- Translations
  - Process documented internally to streamline the release of translated strings
  - Languages will be released at 80% maturity level
  - Working on external website to help translators - ongoing
- Vendor selection Process
  - Currently under discussion
  - Increase vendor diversity

Data Ownership

- More and more discussion on how to resolve conflicts when more than one party is involved
  - Ex.: netixlan



  - Established a Task Force to work on a policy document
    - Had already seven online meetings
    - One informal meeting today
  - Other records for further investigations are ixfac and netfac

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: outreachcom@lists.peeringdb.com
- Uptime status: http://status.peeringdb.com/
- Bugs and feature requests: https://github.com/peeringdb/peeringdb/
- Social media:

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

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

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Questions?