



**PeeringDB**

# PeeringDB Update

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**PhNOG**  
Philippine Network Operators Group

*PhNOG 2020 MANILA*

February 24-26, 2020  
Conference, Meetings  
IP Peering Forum

February 27-28, 2020  
Workshop

Sheraton Manila Bay, Philippines

# 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

- Manage administration of user accounts and PeeringDB records
- Answer support tickets
- Cleansing and completion of PeeringDB records

Leads: Stefan Funke (Chair)

Contact: [admincom@lists.peeringdb.com](mailto:admincom@lists.peeringdb.com)

## Operations Committee

- Manage PeeringDB infrastructure

Leads: Job Snijders (Chair) and Aaron Hughes (Vice Chair)

Contact: [pdb-ops@lists.peeringdb.com](mailto:pdb-ops@lists.peeringdb.com)

## Outreach Committee

- Manage marketing and social media
- Develop and maintain presentations, workshops and webinars
- Coordinate presentations and attendance at events

Leads: Greg Hankins (Chair) and Bijal Sanghani (Vice Chair)

Contact: [outreachcom@lists.peeringdb.com](mailto:outreachcom@lists.peeringdb.com)

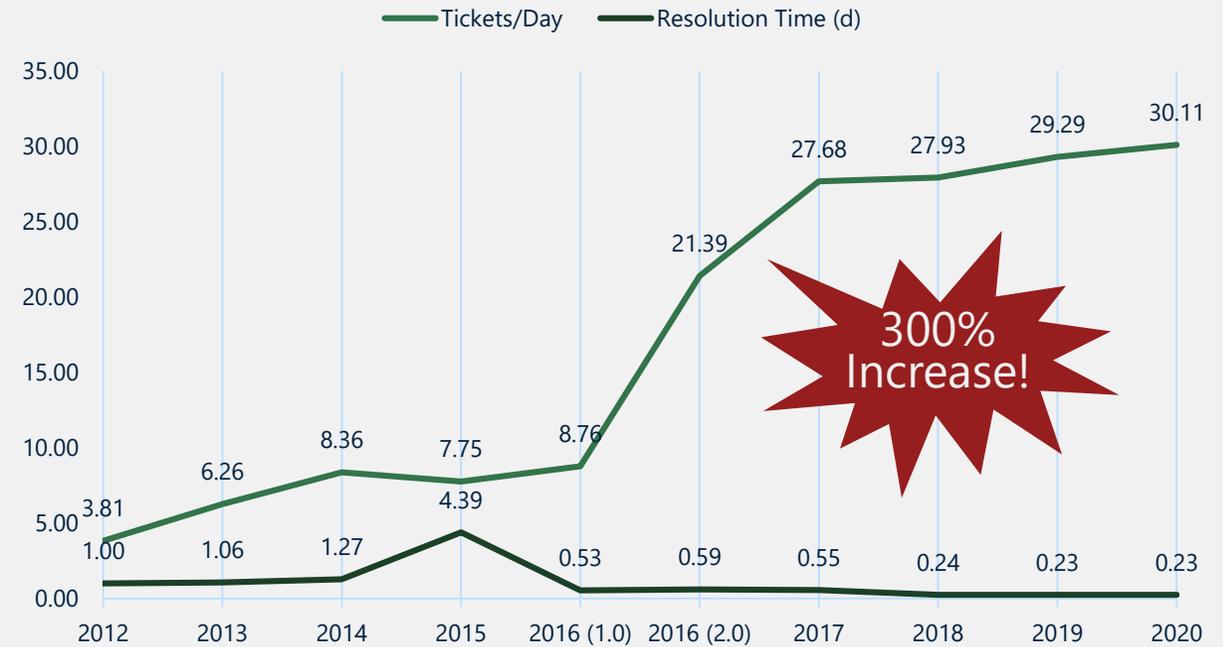
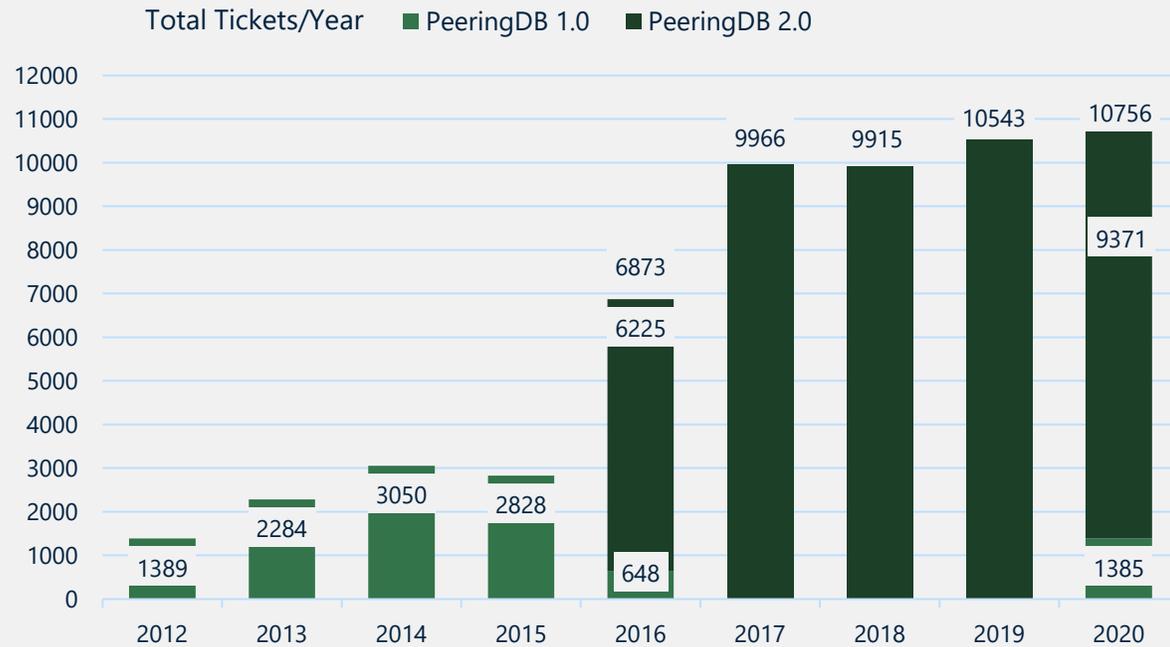
## Product Committee

- Manage roadmap and development priorities
- Ask for input from the community on desired features
- Write SoWs to solicit bids to complete requested features

Leads: Stephen McManus (Chair) and Matt Griswold (Vice Chair)

Product Manager: Filiz Yilmaz  
Contact: [productcom@lists.peeringdb.com](mailto: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	<a href="#">Microsoft Corporation</a>
Also Known As	8068 8069
Company Website	
Primary ASN	8075

## DE-CIX Frankfurt Platinum Sponsor

Organization	<a href="#">DE-CIX Management GmbH</a>
Long Name	Deutscher Commercial Internet Exchange
City	Frankfurt
Country	DE
Continental Region	Europe
Media Type	Ethernet



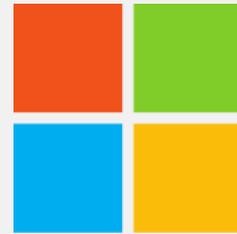
Proud Sponsor of

**PeeringDB**  Gold

Contact [sponsorship@peeringdb.com](mailto:sponsorship@peeringdb.com) for sponsorship info!

# Thank you to our sponsors!

Diamond Sponsor



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# 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!

<b>1 Decide</b> No due date ⌚ Last updated 3 days ago Issues under Decide queue. Issues are kept in Decide while the Product Committee discusses the issue. Next milestone is "Consensus Reached"	 12% complete 128 open 19 closed <a href="#">Edit</a> <a href="#">Close</a> <a href="#">Delete</a>
<b>2 Consensus Reached</b> No due date ⌚ Last updated 3 days ago Issues that are in the Consensus queue. When a decision is made abo...(more)	 0% complete 6 open 0 closed <a href="#">Edit</a> <a href="#">Close</a> <a href="#">Delete</a>
<b>3 Consensus Finalized</b> No due date ⌚ Last updated 1 day ago When an issue is at milestone "Consensus reached" PC members have t...(more)	 100% complete 0 open 2 closed <a href="#">Edit</a> <a href="#">Close</a> <a href="#">Delete</a>
<b>3a Needs Implementation discussion</b> No due date ⌚ Last updated 6 days ago	 0% complete 5 open 0 closed <a href="#">Edit</a> <a href="#">Close</a> <a href="#">Delete</a>
<b>4 Ready for Implementation</b> No due date ⌚ Last updated 1 day ago Last milestone before milestone "Next release". The predecessor is "Consensus Finalized".	 0% complete 22 open 0 closed <a href="#">Edit</a> <a href="#">Close</a> <a href="#">Delete</a>
<b>Next Release</b> No due date ⌚ Last updated 5 days ago	 80% complete 3 open 12 closed <a href="#">Edit</a> <a href="#">Close</a> <a href="#">Delete</a>

# 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

Maintained by net

```
{
  "id": 9309,
  "net_id": 319,
  "ix_id": 31,
  "name": "DE-CIX Frankfurt: DE-CIX Frankfurt Peering LAN",
  "ixlan_id": 31,
  "notes": "",
  "speed": 600000,
  "asn": 3209,
  "ipaddr4": "80.81.192.117",
  "ipaddr6": "2001:7f8::c89:0:3",
  "is_rs_peer": false,
  "created": "2011-08-13T00:00:00Z",
  "updated": "2019-08-15T07:58:25Z",
  "status": "ok"
},
```

Assigned by ix

- 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](mailto:stewards@lists.peeringdb.com)
- Admins: [support@peeringdb.com](mailto:support@peeringdb.com)
- Presentation requests: [outreachcom@lists.peeringdb.com](mailto: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>
  -  [@PeeringDB](https://twitter.com/PeeringDB)



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Questions?