



PeeringDB

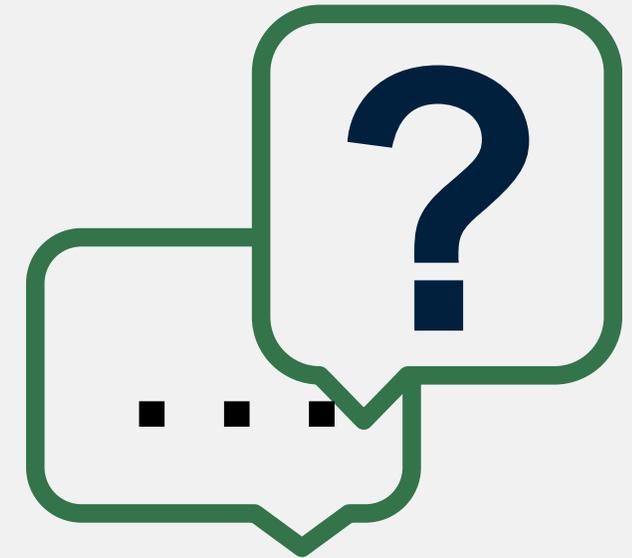
What's new on PeeringDB?

Livio Morina- Board Member
livio@peeringdb.com

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 Carrier, 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>
- We use basic verification for new accounts and require current whois information, so please
 - Update and maintain your whois information
 - Register from an email address associated with your ASN /company



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
 - 480 addresses subscribed to the Governance mailing list (as of April 15, 2024)
 - Governance list is at <https://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-gov>
 - More information available at <https://docs.peeringdb.com/gov/>

What is PeeringDB?

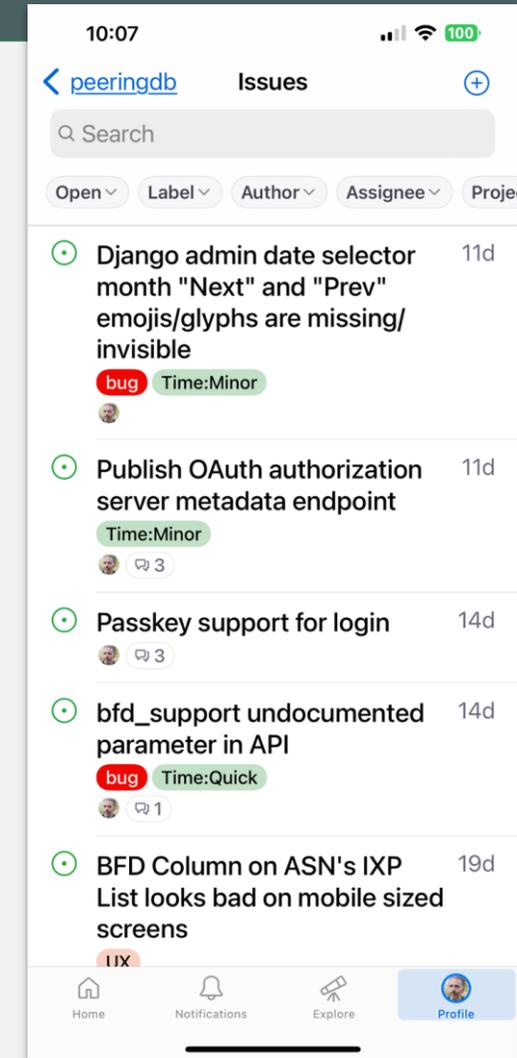
Why should my carrier, exchange, network or facility be listed in PeeringDB?

- 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

Updates

News from the Frontlines

- People changes
- v2 Search improvements
- .KMZ dump and export
- Beta is better!



People Changes

- **Board Elections**

The 2024 election has concluded. Of 137 organizations registered to vote, there were 98 ballots cast.

For the Board Election, there were 4 candidates this year for 2 available Director seats.

The winners in order of vote count and thus seat occupied:

Seat 2 (term expires 2026): Job Snijders

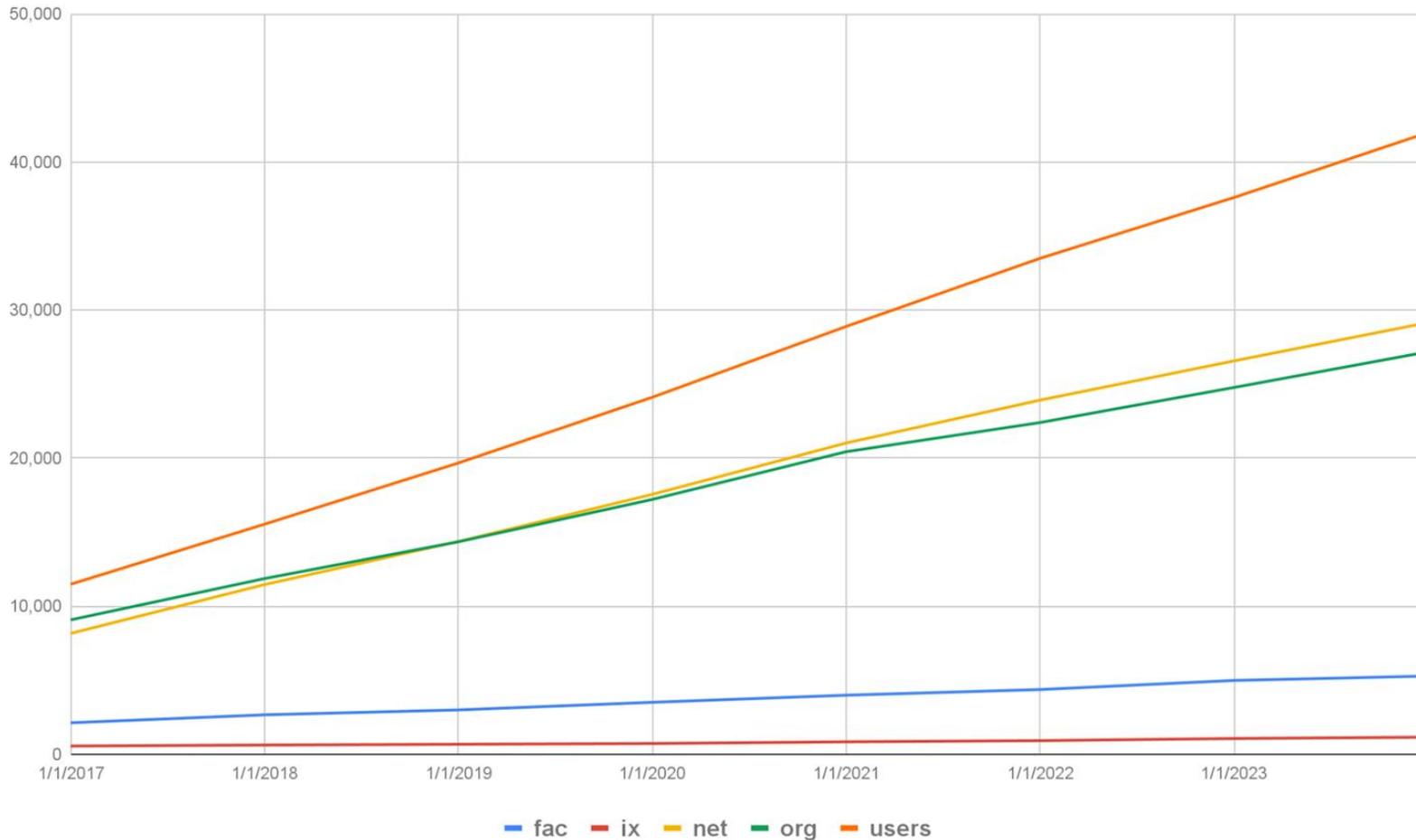
Seat 4 (term expires 2026): Aaron Hughes

Appreciation to the other candidates who ran:

Alexandre Corso

Guillaume Mazoyer

Tracking Growth



End of 2023, and growth on 2022

- **Users: 41,975**
 - 10% increase
- **Networks: 29,148**
 - 10% increase
- **Orgs: 27,174**
 - 10% increase
- **Facilities: 5,282**
 - 6% increase
- **IXs: 1,152**
 - 8% increase

Board of Directors and Officers



Chris Caputo – Secretary and Treasurer (Officer)



Aaron Hughes – Vice President (Term Expires 2026)



Rahul Makhija – Director (Term Expires 2025)



Christopher Malayter – President (Term Expires 2025)

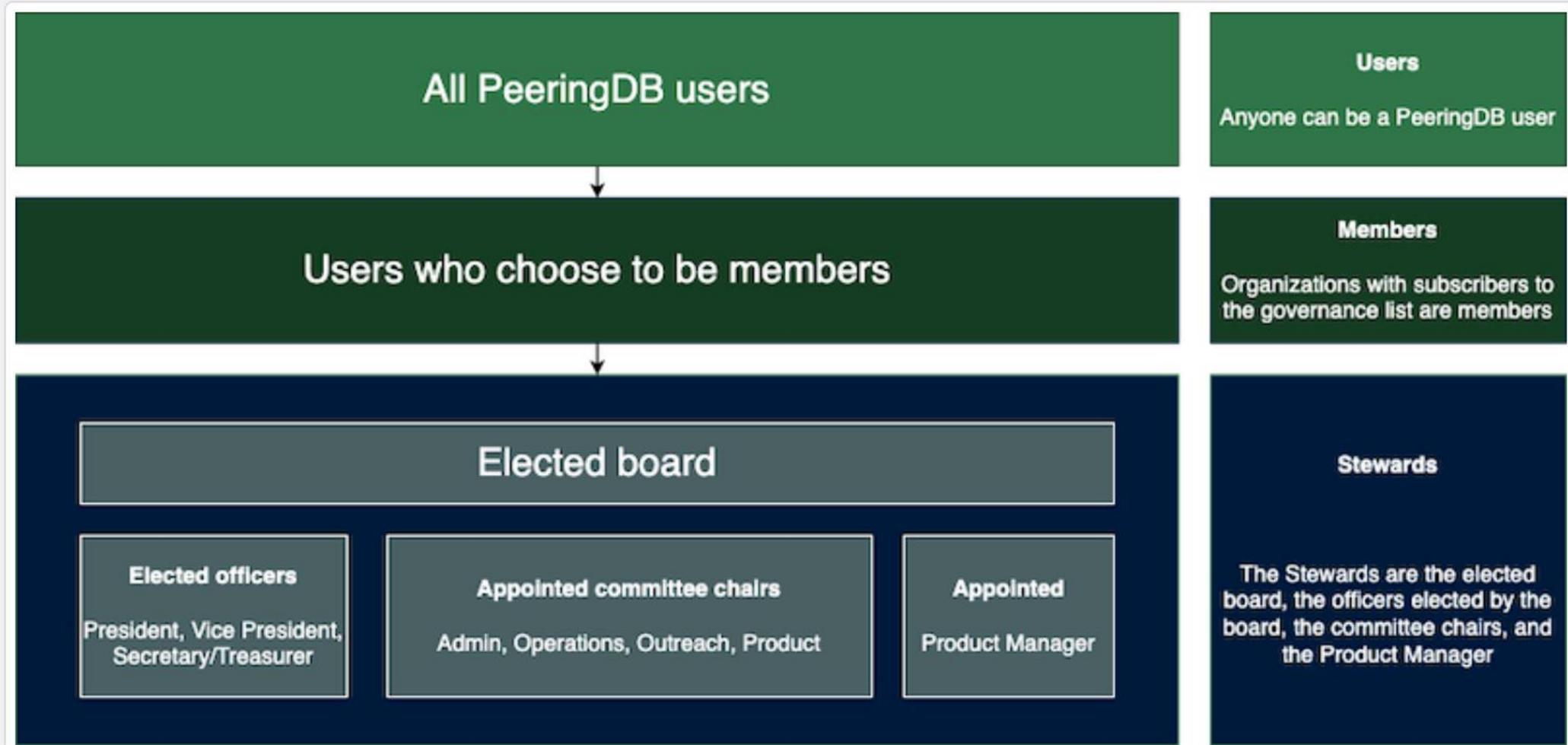


Livio Morina – Director (Term Expires 2025)



Job Snijders – Director (Term Expires 2026)

How to Vote



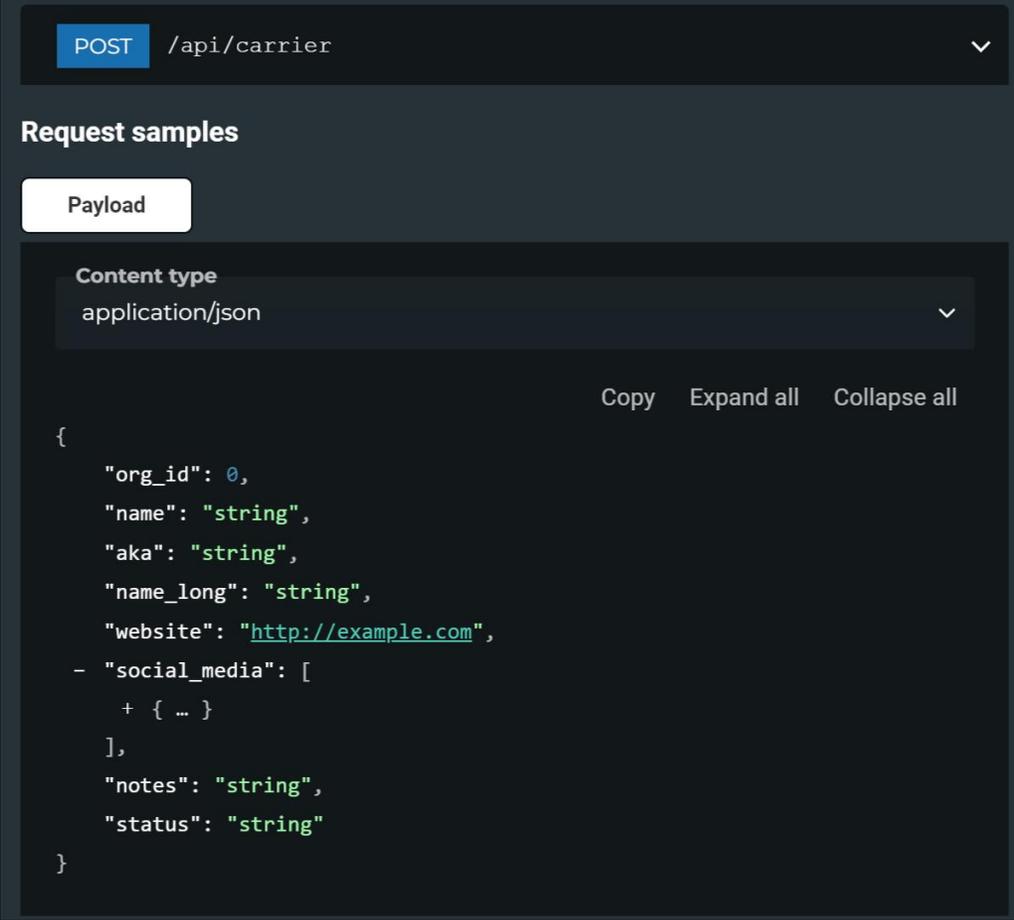
People Changes

- **Product Committee**
 - Jack Carrozzo replaced Stephen McManus as Chair
- **Admin Committee**
 - Looking for volunteers

Email us at admincom@lists.peeringdb.com for more info.

How to access PeeringDB?

- Provides a GUI and an API
- The GUI nicely puts together what you can retrieve via the API separately
- The API is useful for automating and mass info retrieval
 - See <https://www.peeringdb.com/apidocs/> for more information



POST /api/carrier

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "org_id": 0,
  "name": "string",
  "aka": "string",
  "name_long": "string",
  "website": "http://example.com",
  "social_media": [
    + { ... }
  ],
  "notes": "string",
  "status": "string"
}
```

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!

1 Decide 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 Edit Close Delete
2 Consensus Reached 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 Edit Close Delete
3 Consensus Finalized 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 Edit Close Delete
3a Needs Implementation discussion No due date ⌚ Last updated 6 days ago	 0% complete 5 open 0 closed Edit Close Delete
4 Ready for Implementation 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 Edit Close Delete
Next Release No due date ⌚ Last updated 5 days ago	 80% complete 3 open 12 closed Edit Close Delete

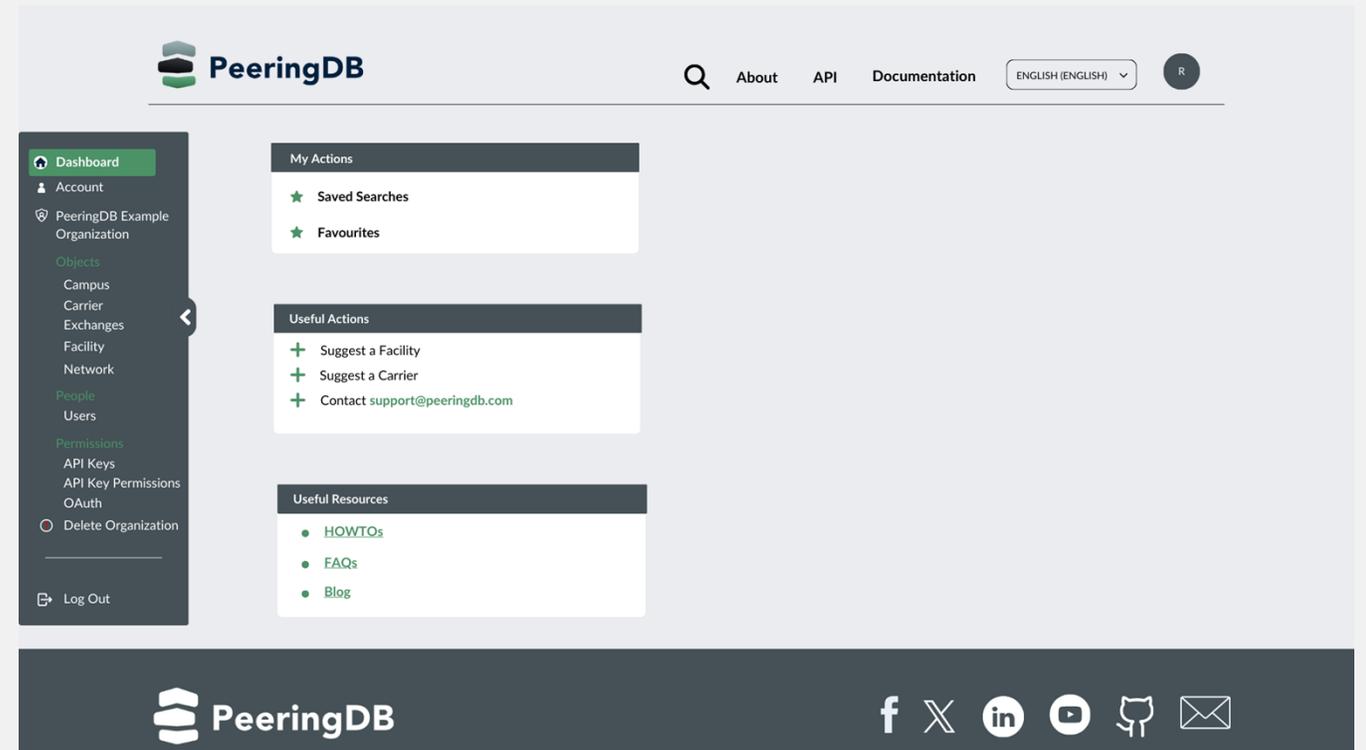
Release Process

- 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>

Web UI

Planned Improvements

- Better device presentation
- Dashboard options
- Lazy loading



New KMZ Features

Facility Data

- Locations and metadata
- Exported daily
- Importable to Google Maps

Later this year

- Export searches to KMZ
- Improved visual attributes



Search

Search is getting better

- ISO 3166 support
- ISO 3166-2 subdivision support coming

The screenshot shows the PeeringDB search interface for the query 'ix in pl'. The search bar contains 'ix in pl' and there are links for 'Advanced Search' and 'Legacy Search'. A notification banner states: 'You are using our new beta search interface. Click here to return to the old interface. Click here to provide feedback.' Below the banner, the results are categorized as follows:

- Exchanges (16)**: 1-IX EU, 1-IX UA, CePIX.pl, EPIX.Katowice, EPIX.Poznan, EPIX.Warszawa, Equinix Warsaw, Gigaset IXN, Gigaset IXN Kharkiv, Gigaset IXN Odesa, Gigaset IXN Warsaw, NetIX, PIONIER-IX, POZIX, TPIX.PL, WRIX
- Networks (20)**: 1-IX Route Servers (50263), CLOUDHELIX (62227), Eonix E.U. Region (49532), EPIX.POLMIX (201054), EPIX.Katowice (62047), EPIX.Poznan (212262), EPIX.Warszawa.KIX (48850)
- Facilities (3)**: Equinix WA1 - Warsaw_Centrum LIM, Equinix WA2 - Warsaw, Equinix WA3 - Warsaw
- Organizations (1)**: AS-RSSWS

The screenshot shows the PeeringDB search interface for the query 'net in krakow'. The search bar contains 'net in krakow' and there are links for 'Advanced Search' and 'Legacy Search'. A notification banner states: 'You are using our new beta search interface. Click here to return to the old interface. Click here to provide feedback.' Below the banner, the results are categorized as follows:

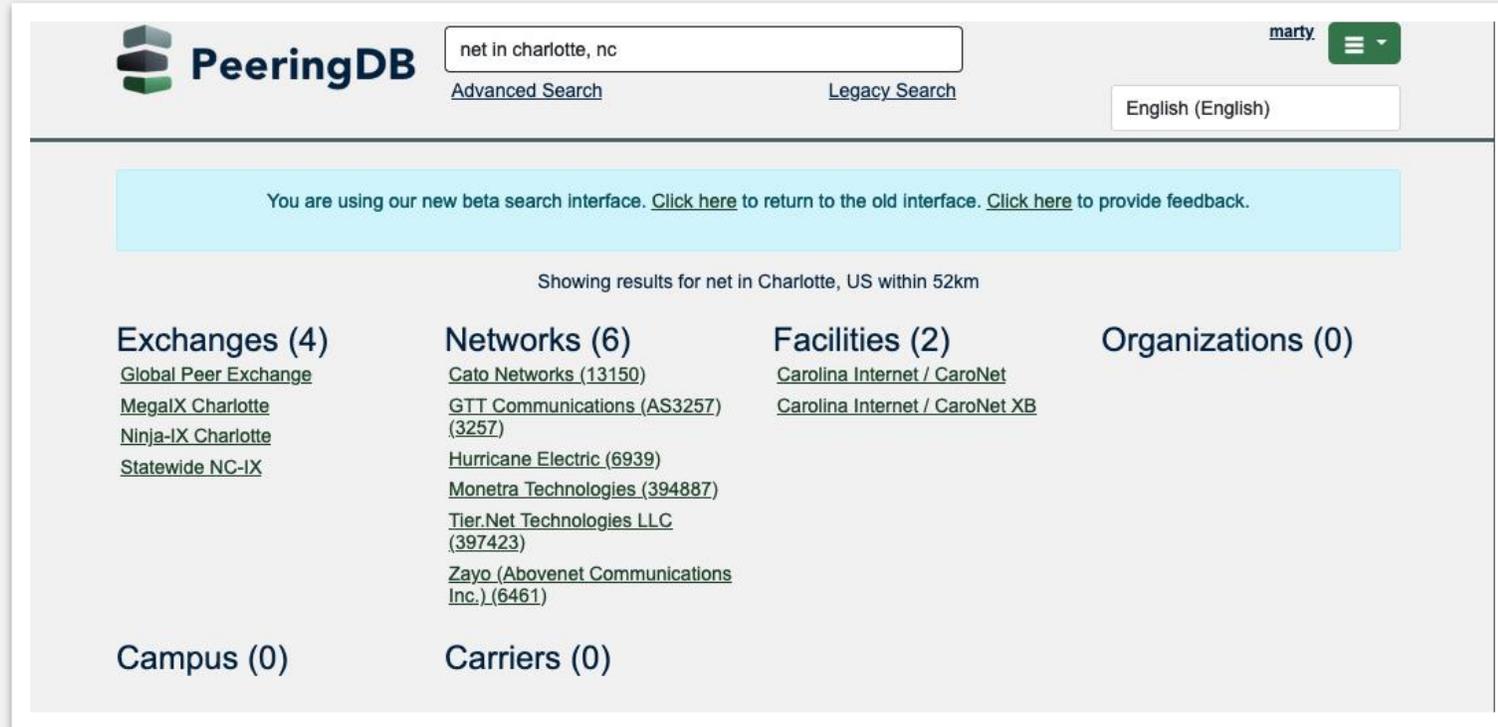
- Exchanges (2)**: THINX.Warsaw, TPIX.PL
- Networks (8)**: HyperNET (48956), Krakowski Internet (60336), Multinet24 (197099), Netia (12741), Orange Polska - Internet Optimum and TPIX Route Servers (29535), Orange Polska - TPNET (5617), S-NET Sp. z o.o. (42927), Wnet Telecom USA (1820)
- Facilities (4)**: Netia Data Center SOUL, S-NET KRAKOW DATA CENTER KRDC-1, S-NET KRAKOW DATA CENTER KRDC-2, WNET DC Krakow
- Organizations (1)**: HyperNET sp. z o.o.
- Campus (0)**
- Carriers (0)**

A 'Suggest Facility' button is visible at the bottom right of the results area.

Search (pending release)

Search is getting better

- Location support
- Object type searching
- Boolean operators
- Refined results



The screenshot shows the PeeringDB search interface. At the top left is the PeeringDB logo. A search bar contains the text "net in charlotte, nc". To the right of the search bar are links for "Advanced Search" and "Legacy Search". In the top right corner, there is a user profile for "marty" and a language selector set to "English (English)".

A light blue banner below the search bar reads: "You are using our new beta search interface. [Click here](#) to return to the old interface. [Click here](#) to provide feedback."

Below the banner, the text "Showing results for net in Charlotte, US within 52km" is displayed. The results are organized into four columns:

- Exchanges (4)**
 - [Global Peer Exchange](#)
 - [MegalX Charlotte](#)
 - [Ninja-IX Charlotte](#)
 - [Statewide NC-IX](#)
- Networks (6)**
 - [Cato Networks \(13150\)](#)
 - [GTT Communications \(AS3257\) \(3257\)](#)
 - [Hurricane Electric \(6939\)](#)
 - [Monetra Technologies \(394887\)](#)
 - [Tier.Net Technologies LLC \(397423\)](#)
 - [Zayo \(Abovenet Communications Inc.\) \(6461\)](#)
- Facilities (2)**
 - [Carolina Internet / CaroNet](#)
 - [Carolina Internet / CaroNet XB](#)
- Organizations (0)**

At the bottom of the results, there are two more categories: **Campus (0)** and **Carriers (0)**.

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>



We Need Beta Testers

Consider using the Beta environment as default

- Just over half a percent of users visit beta.peeringdb.com each month
 - We recognize that there are good and bad reasons for this!
- As of release 2.57.0, beta.peeringdb.com refreshes once an hour
- Early access to improvements
- Easy feedback mechanism
- Try it at <https://beta.peeringdb.com>

- Contact us at pc@peeringdb.com with any questions

Call for Volunteers

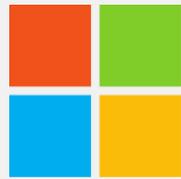
- **Admin Committee**

- Answer user support questions
- Suggest improvements based on experience
- Only apply if you have free slots at least four days the week for 20 minutes

Email us at admincom@lists.peeringdb.com for more info.

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