



PeeringDB

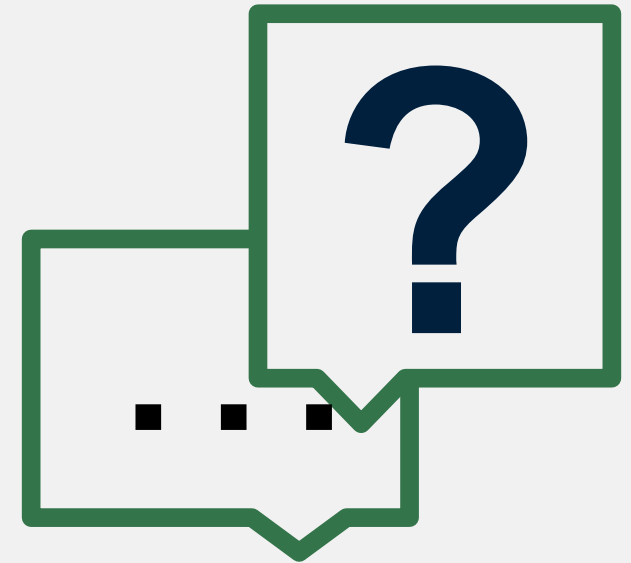
What's new on PeeringDB?

Obinna Adumike
obinna@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



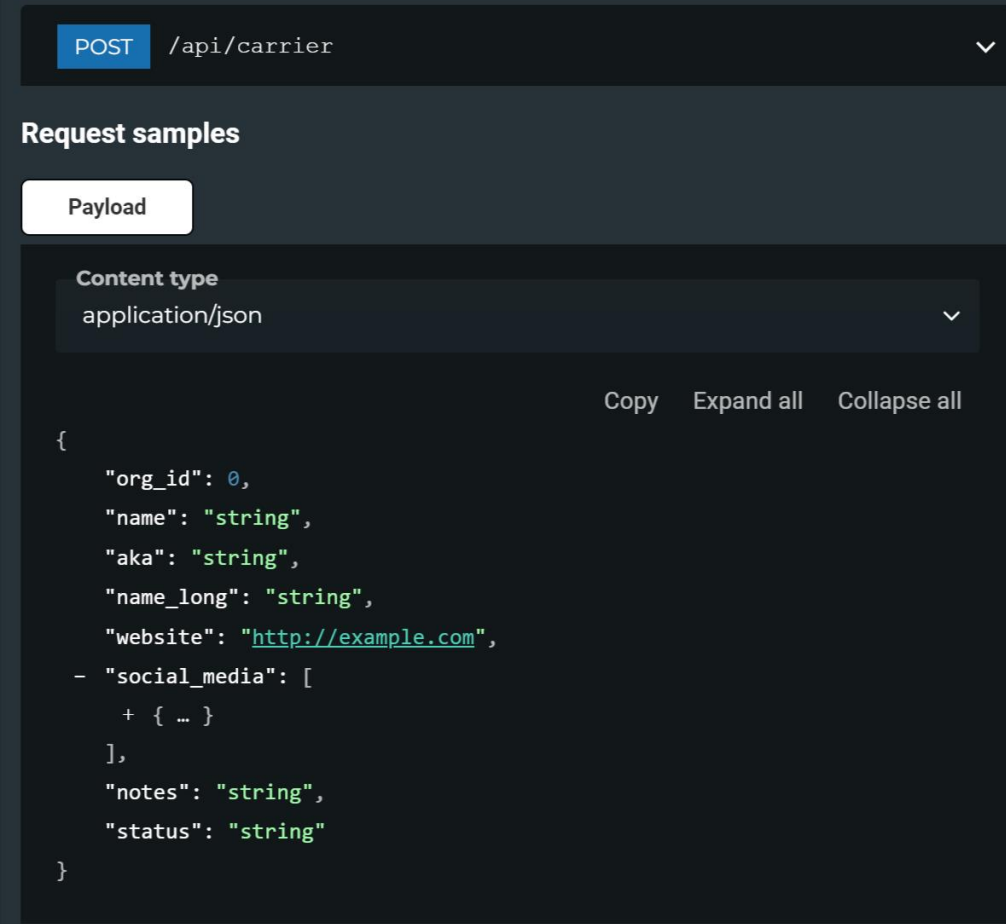
What is PeeringDB?

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

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"
}
```

Board of Directors and Officers



Shawna Bong – Secretary and Treasurer (Officer)



Aaron Hughes – Vice President (Term Expires 2026)



Rahul Makhija – Director (Term Expires 2025)



Christopher Malayter – President (Term Expires 2025)

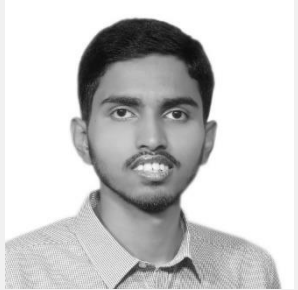


Livio Morina – Director (Term Expires 2025)



Job Snijders – Director (Term Expires 2026)

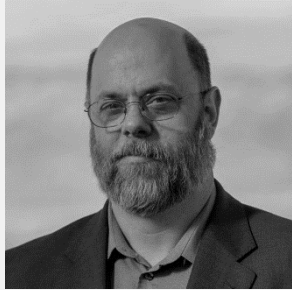
Admin Committee



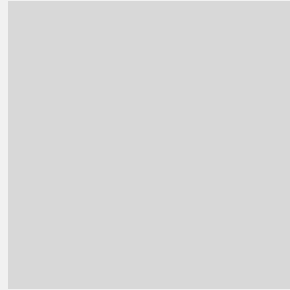
Ankesh
Anand



Austin
Brower



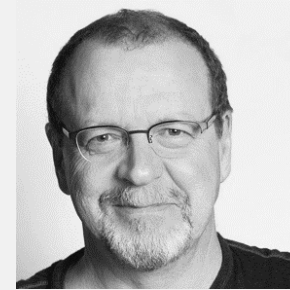
John
Brown



Budiwijaya



Shaun
Coffey



Ron
Grant



Chriztoffer
Hansen – Chair



Peter Helmenstine
– Vice Chair



Gaël
Hernandez



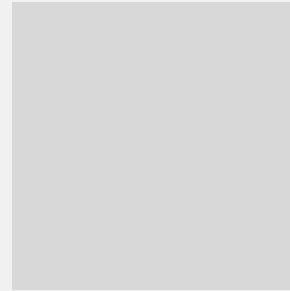
Adam
Korab



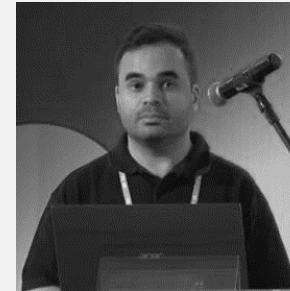
Chris Malayter –
Board Liaison



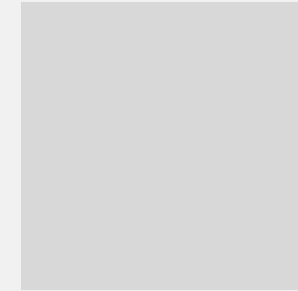
Aquinas
Masakha



Crisóstomo
Mbundu

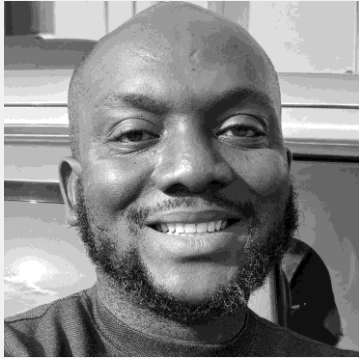


Julimar
Mendes

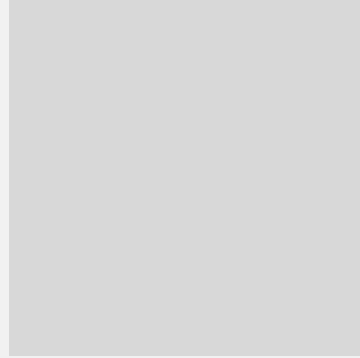


Laura
Yepes

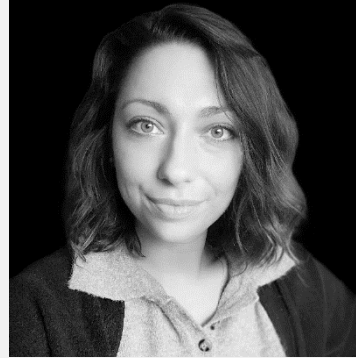
Outreach Committee



Obinna
Adumike



Lynsey
Buckingham



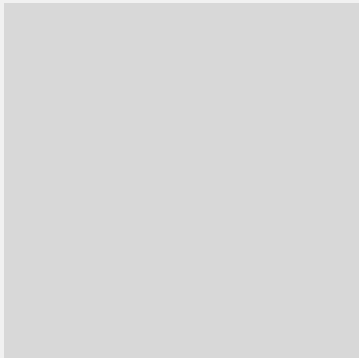
Yana
Glaub



Greg
Hankins



Aaron Hughes –
Board Liaison



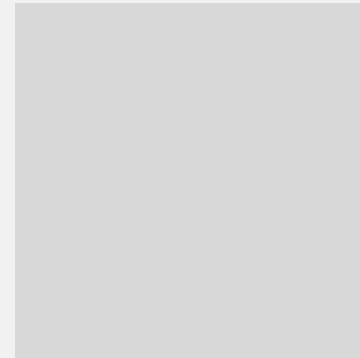
Tarryn
Kidd



Livio
Morina



Arnold
Nipper

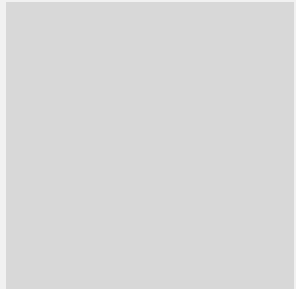


Ester
Paal



Ben Ryall –
Chair

Product Committee



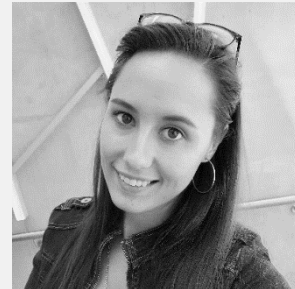
Jeff
Bartig



Yan
Berthier



Jack Carrozzo –
Chair



Yolandi
Cloete



Matt Griswold –
Vice Chair



Martin
Hannigan



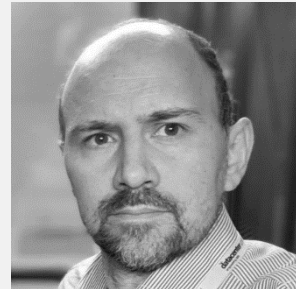
Peter
Helmenstine



Paul
Hoogsteder



Aaron Hughes –
Board Liaison



Laurent
Jarbinet



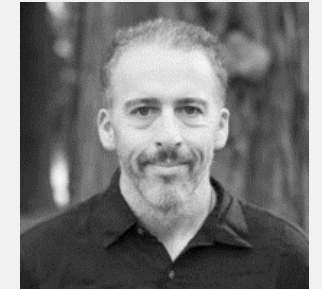
Stephen
McManus



Arnold
Nipper



Terry
Sweetser



Leo Vegoda –
Product Manager

Call for Volunteers

- **Admin Committee**

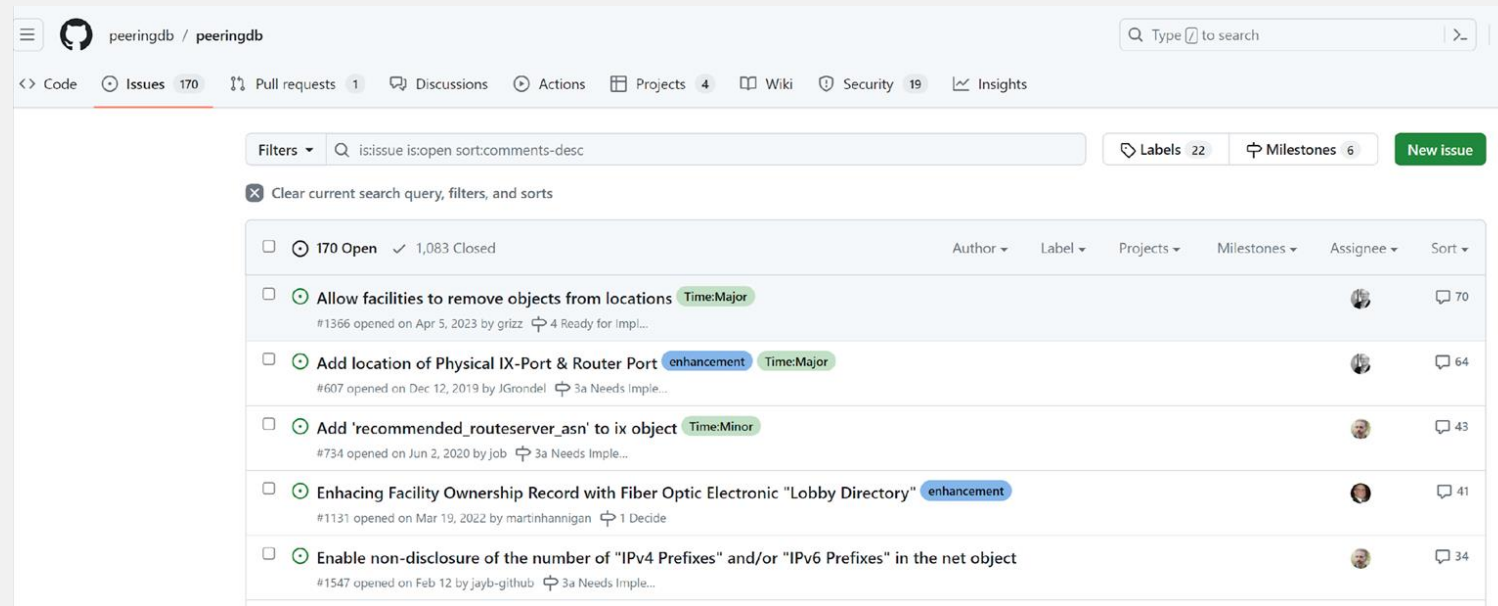
- Answer user support questions
- Suggest improvements based on experience
- Only apply if you have free slots at least four days the week for 20 minutes

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

Updates

News from the Frontlines

- Web UI design changes
- New KMZ export feature
- Improved search
- Beta testing
- Call for Volunteers



peeringdb / peeringdb

Code Issues 170 Pull requests 1 Discussions Actions Projects 4 Wiki Security 19 Insights

Filters is:issue is:open sort:comments-desc Labels 22 Milestones 6 New issue

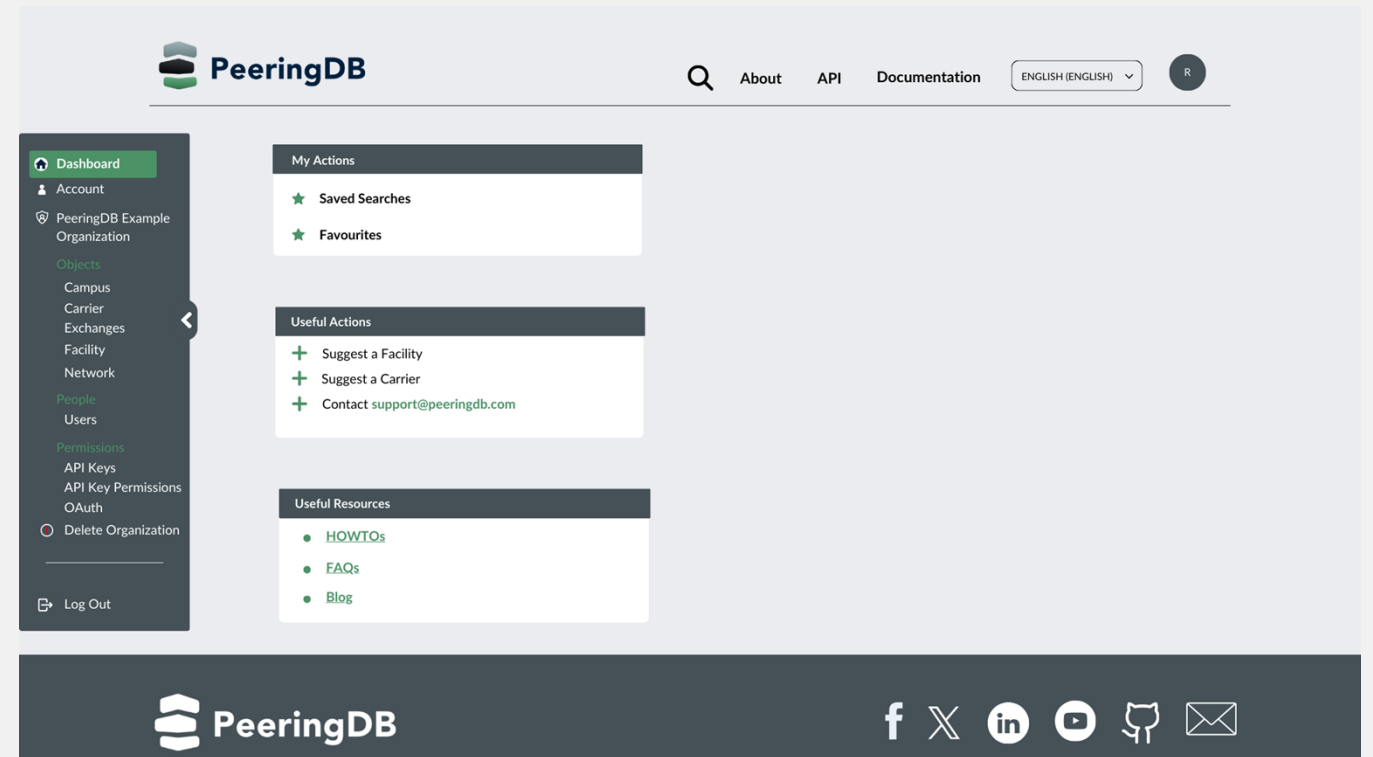
Clear current search query, filters, and sorts

Issue	Author	Label	Projects	Milestones	Assignee	Sort
170 Open ✓ 1,083 Closed						
Allow facilities to remove objects from locations Time:Major						70
#1366 opened on Apr 5, 2023 by grizz 4 Ready for Impl...						
Add location of Physical IX-Port & Router Port enhancement Time:Major						64
#607 opened on Dec 12, 2019 by JGrondel 3a Needs Imple...						
Add 'recommended_routerserver_asn' to ix object Time:Minor						43
#734 opened on Jun 2, 2020 by job 3a Needs Imple...						
Enhancing Facility Ownership Record with Fiber Optic Electronic "Lobby Directory" enhancement						41
#1131 opened on Mar 19, 2022 by martinhanigan 1 Decide						
Enable non-disclosure of the number of "IPv4 Prefixes" and/or "IPv6 Prefixes" in the net object						34
#1547 opened on Feb 12 by jayb-github 3a Needs Imple...						

Web UI

Planned Improvements

- Better device presentation
- Dashboard options
- Lazy loading



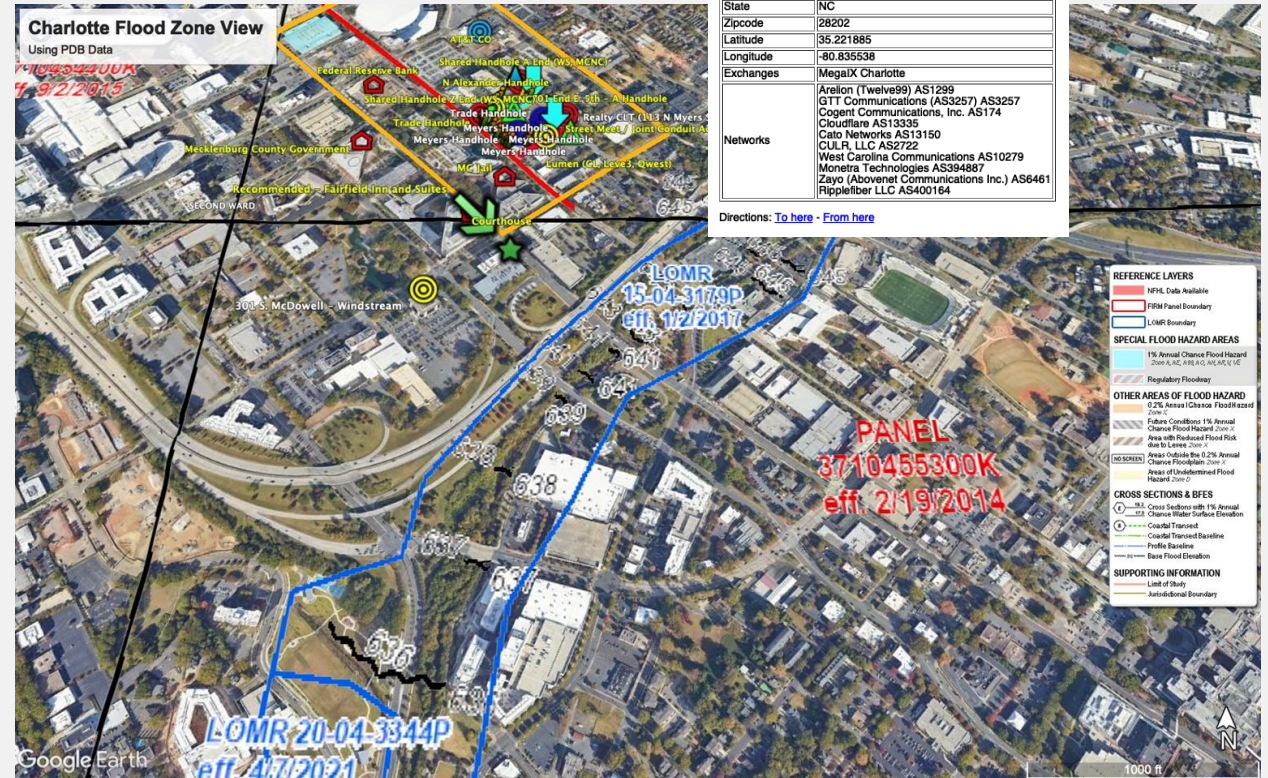
New KMZ Features

Facility Data

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

Later this year

- Export searches to KMZ
- Improved visual attributes



Search

- Significant search push scheduled for deployment in January
 - Ensure completeness
 - Refine output
- Decide on when to remove legacy search early in 2025
- We are now automatically removing networks whose ASN has been reclaimed by an RIR or NIR

09:12

PeeringDB

ix in prague

[Advanced Search](#) [Legacy Search](#)

[Registeror](#) [Login](#)

English (English)

You are using our new beta search interface. [Click here](#) to return to the old interface. [Click here](#) to provide feedback.

Showing results for ix in Prague, CZ within 43km

Exchanges (7)

- [1-IX EU](#)
- [DATAIX](#) Silver Sponsor
- [Global-IX](#) Silver Sponsor
- [NetIX](#)
- [NIX.CZ](#)
- [NIX.CZ FENIX](#)
- [Peering.cz](#)

peeringdb.com

Search (pending release)

Search is getting better

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

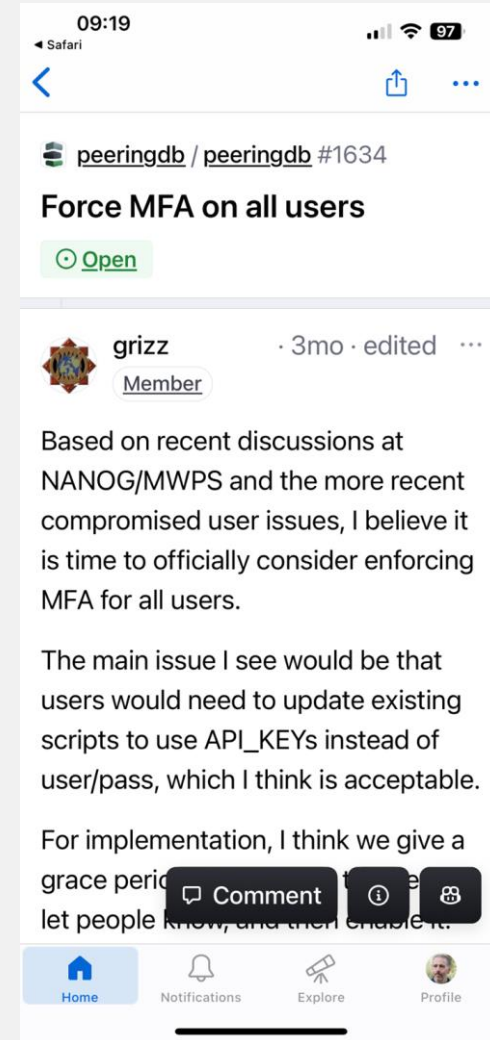
The screenshot shows the PeeringDB search interface. At the top left is the PeeringDB logo. To its right is a search input field containing 'net in charlotte, nc'. Below the input field are two links: 'Advanced Search' and 'Legacy Search'. In the top right corner, there is a user profile 'marty' with a dropdown menu icon, 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 search results are displayed for 'net in Charlotte, US within 52km'. 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)**
- Campus (0)**
- Carriers (0)**

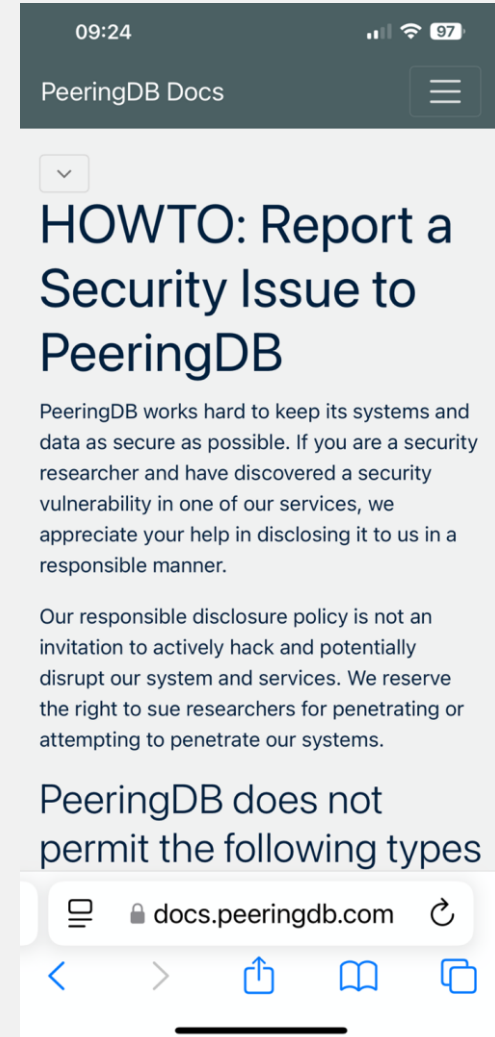
MFA to become mandatory

- Passkeys to be deployed in October
- Authenticator App/Backup Codes
- API to drop simple authentication (API Key to be introduced)
- Communication on MFA rollout starting in November
 - All users will need to enable at least one extra factor
 - Very important for Organization admins
- Target deployment early 2025



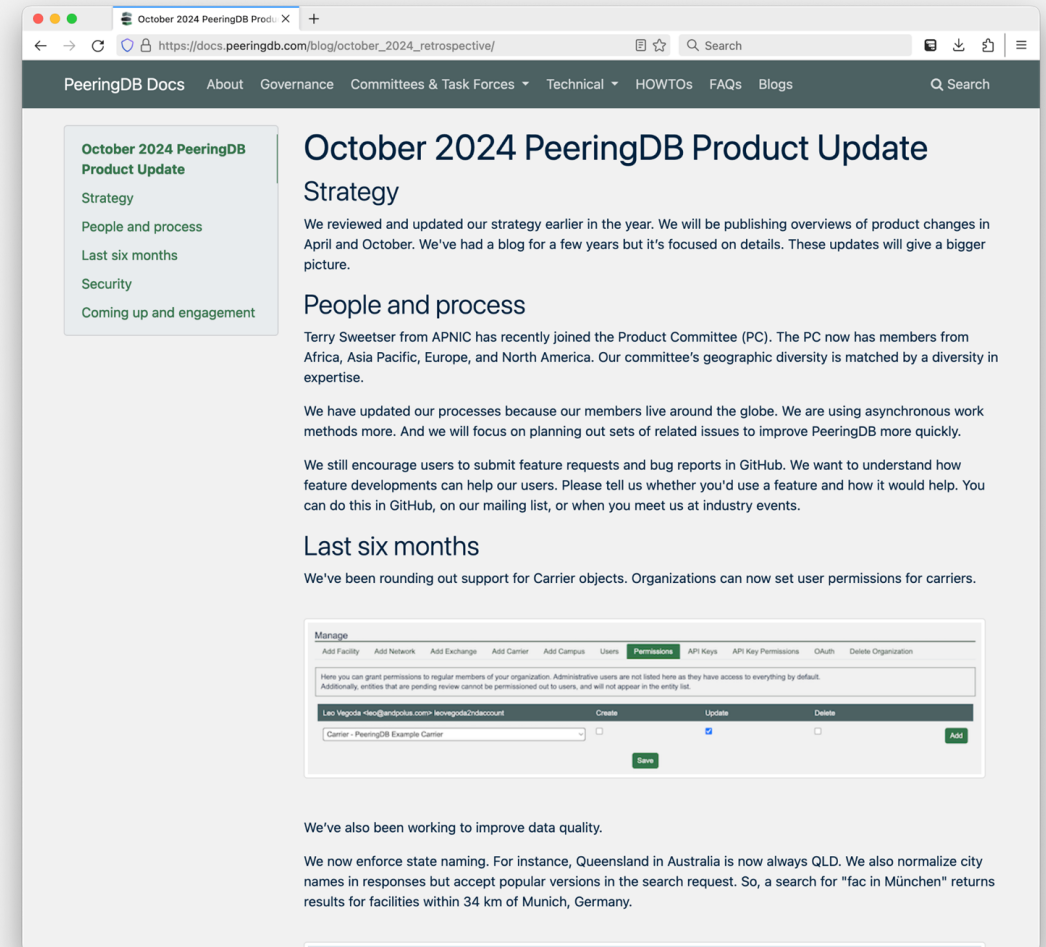
Security reports

- We've had a few minor security reports
- After fixing issues we'll recognize reporters in a blog post
- We'll also offer a gift item, like a personalized hat, cup, or hoodie
- Please report identified security issues



Retrospective blog post

- We publish blog posts at blog.peeringdb.com
- We publish a retrospective each October and April



The screenshot shows a web browser displaying the PeeringDB website. The page title is "October 2024 PeeringDB Product Update Strategy". The main content includes sections for "Strategy", "People and process", and "Last six months". A sidebar on the left lists navigation options: "October 2024 PeeringDB Product Update", "Strategy", "People and process", "Last six months", "Security", and "Coming up and engagement". The "Last six months" section includes a screenshot of a "Manage" interface for user permissions, showing a table with columns for "Create", "Update", and "Delete". The table has a row for "Leo Vigoda" with a dropdown menu for "Carrier - PeeringDB Example Carrier" and a "Save" button.

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

Thank you to our sponsors!

