



PeeringDB

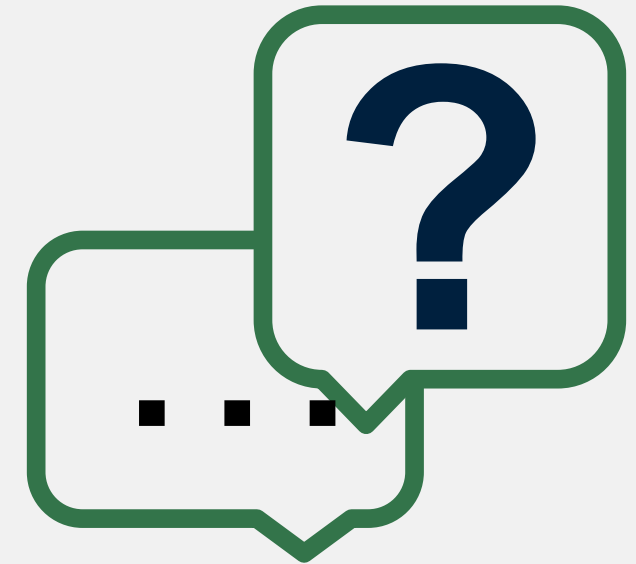
What's new on PeeringDB?

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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



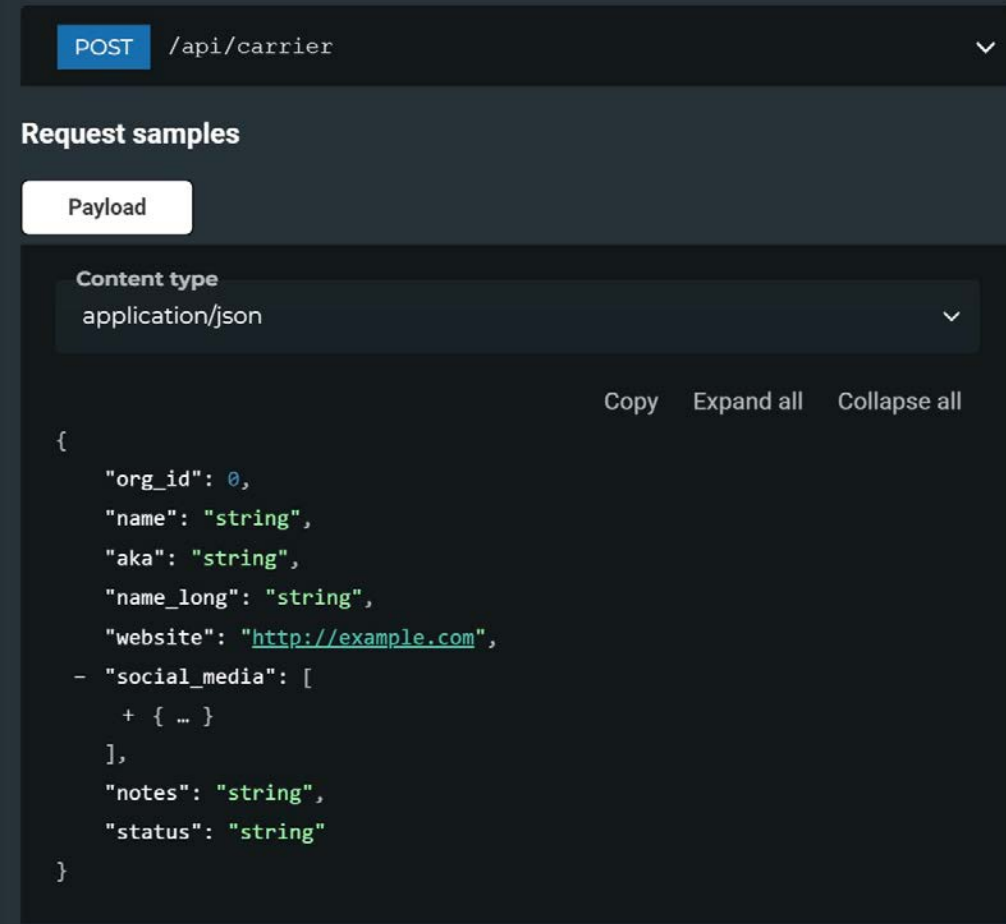
What is PeeringDB?

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"
}
```

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/>

Product Development Workflow

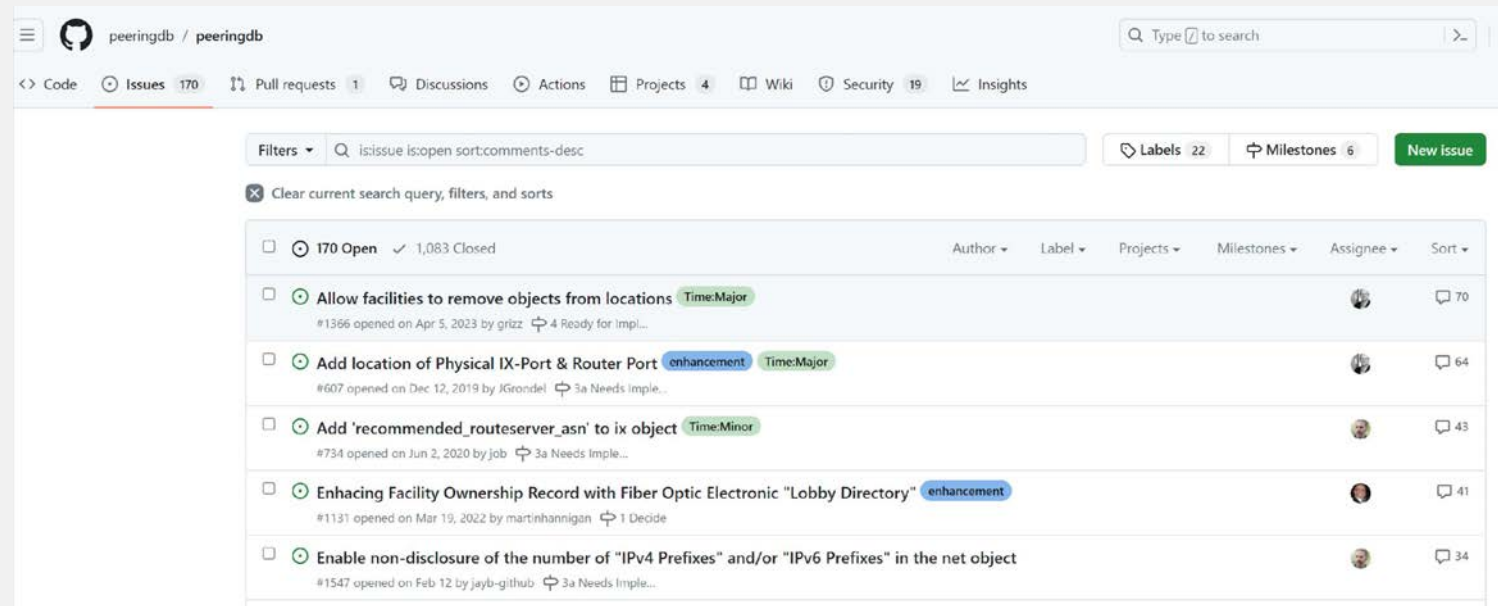
- All issues tracked using GitHub at <https://github.com/peeringdb/peeringdb/issues>
 - Anyone can open a feature requests or file a bug report
 - Open and transparent process for product development
 - Workflow is at <http://docs.peeringdb.com/workflow/>
- Product Committee issue process
 - Evaluate 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 L...(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

Updates

News from the Frontlines

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



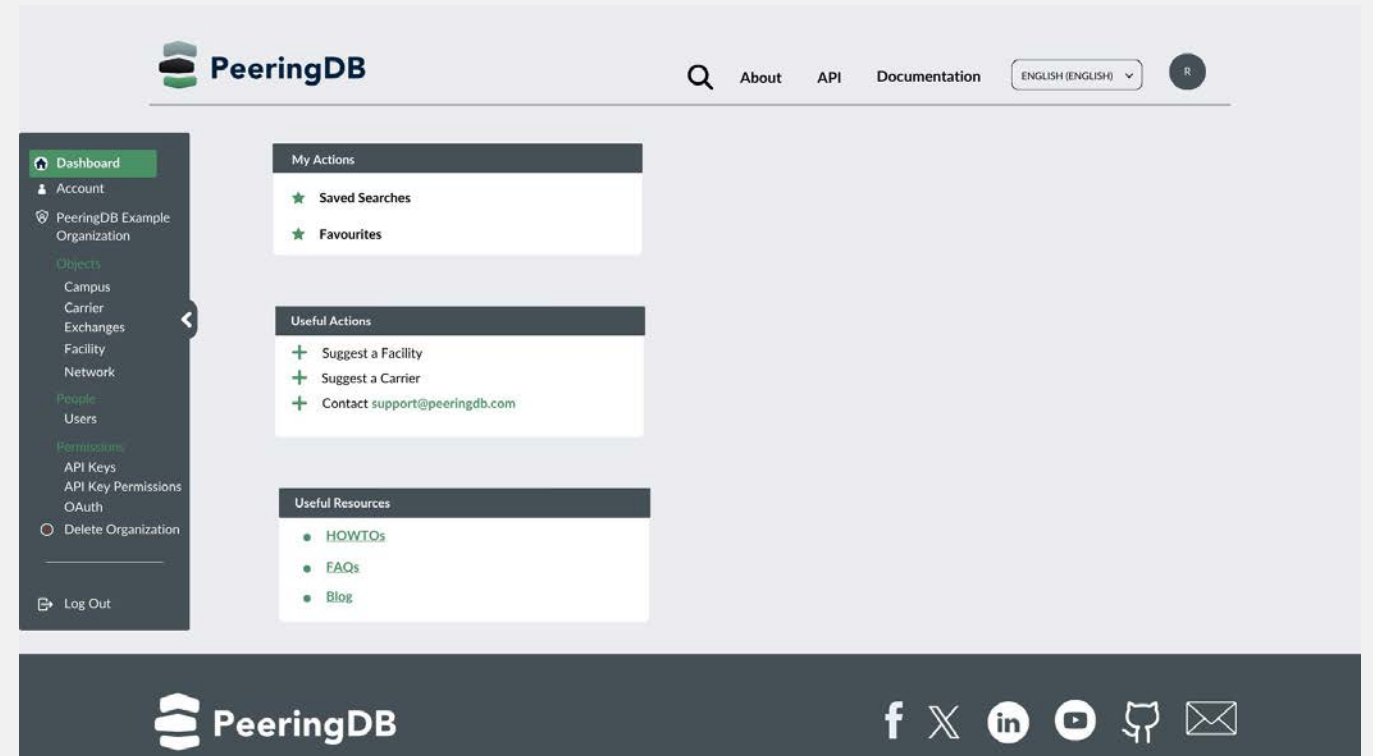
The screenshot shows the GitHub interface for the repository 'peeringdb / peeringdb'. The 'Issues' tab is active, displaying 170 open issues. The page includes a search bar, filters, and a list of issues with their titles, labels, and comment counts.

Issue Title	Labels	Comments
Allow facilities to remove objects from locations	Time:Major	70
Add location of Physical IX-Port & Router Port	enhancement, Time:Major	64
Add 'recommended_router_asn' to ix object	Time:Minor	43
Enhancing Facility Ownership Record with Fiber Optic Electronic "Lobby Directory"	enhancement	41
Enable non-disclosure of the number of "IPv4 Prefixes" and/or "IPv6 Prefixes" in the net object		34

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

Charlotte Flood Zone View
Using PDB Data

PANEL 3710455300K
eff. 2/19/2014

LOMR 15-04-3179P
eff. 1/2/2017

LOMR 20-04-3344P
eff. 4/7/2021

REFERENCE LAYERS

- NPFI Data Available
- RFM Panel Boundary
- LOMR Boundary

SPECIAL FLOOD HAZARD AREAS

- 1% Annual Chance Flood Hazard (2005 AIC, 1% AIC, 1% AIC, 1% AIC)
- Regulatory Floods

OTHER AREAS OF FLOOD HAZARD

- Federal Condition 1% Annual Chance Flood Hazard Zone of Area with Reduced Flood Risk (see 5. Letter 2005-01)
- Areas Outside the 0.2% Annual Chance Floodplain Zone of Area of Undevelopment Flood Hazard (2005-01)

CROSS SECTIONS & SPES

- 0.2% Annual Chance Floodplain Boundary
- 0.2% Annual Chance Floodplain Boundary
- Coastal Truncated
- Coastal Truncated Boundary
- Profile Baseline
- Base Flood Elevation

SUPPORTING INFORMATION

- Line of Study
- Autosomal Boundary

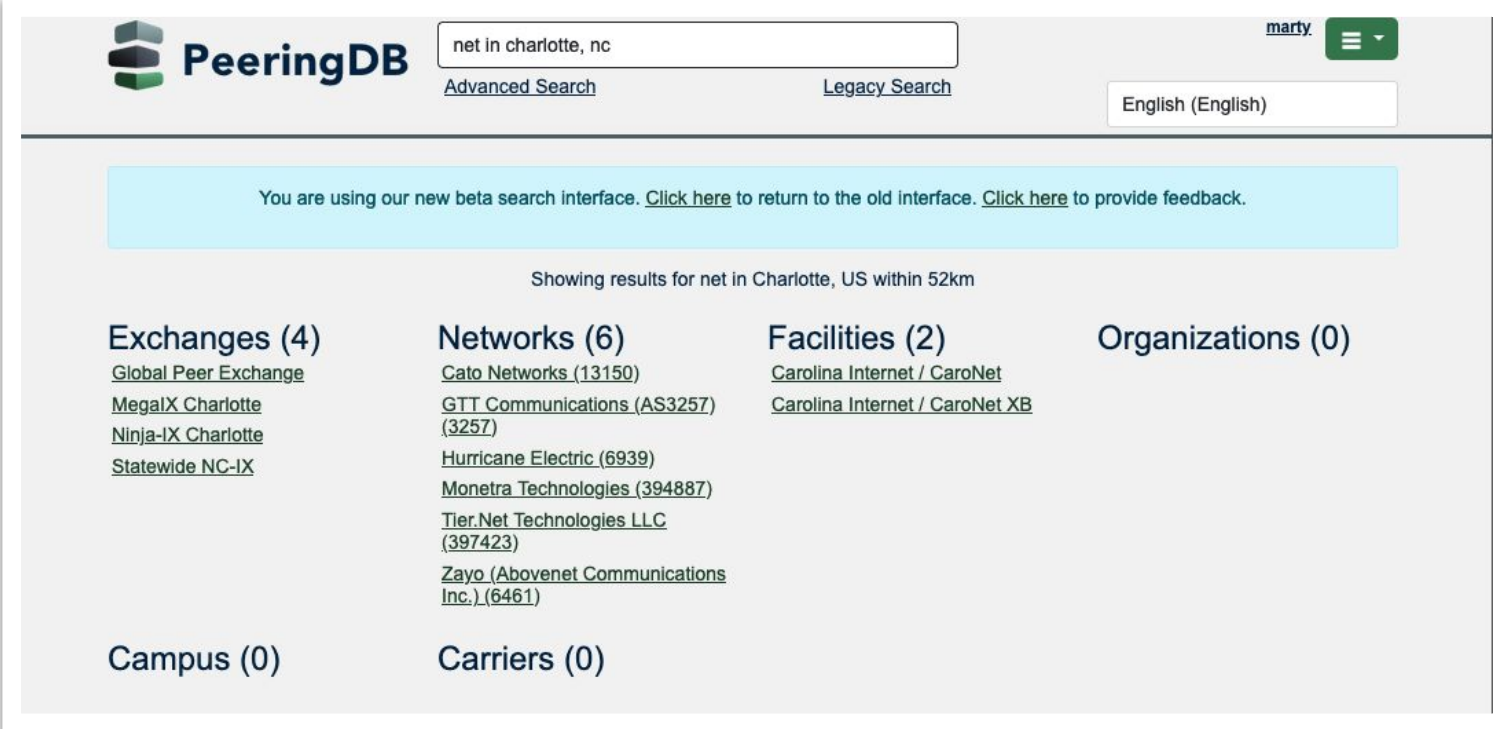
Digital Realty CLT (113 N Myers St)	
Id	4770
Org_Id	8592
Org_Name	Digital Realty
Name	Digital Realty CLT (113 N Myers St)
Website	https://www.digitalrealty.com
Net_Count	10
Ix_Count	1
Region_Continent	North America
Created	2017-12-21T19:12:54Z
Updated	2019-04-09T04:49:26Z
Status	ok
Address1	113 North Myers Street
City	Charlotte
Country	US
State	NC
Zipcode	28202
Latitude	35.221885
Longitude	-80.835538
Exchanges	MegalIX Charlotte
Networks	Arelon (Twelve99) AS1299 GTT Communications (AS3257) AS3257 Cogent Communications, Inc. AS174 Cloudflare AS13335 Cato Networks AS13150 CULR, LLC AS2722 West Carolina Communications AS10279 Monetra Technologies AS394887 Zayo (Abovetel Communications Inc.) AS6461 Rippletier LLC AS400164

Directions: [To here](#) - [From here](#)

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' and a language dropdown menu 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)**

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

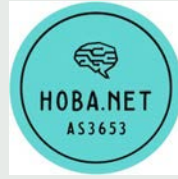
Call for Volunteers

- **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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