PeeringDB Update

Presenter

Arnold Nipper

arnold@peeringdb.com

Event

APIX #34

Osaka, 2026-11-02

PeeringDB: More Than a Database

Mission statement: PeeringDB, a non-profit, member-based organization, facilitates the exchange of **user-maintained** interconnection-related information, primarily for Peering Coordinators and Internet Exchange, Facility, and Network Operators.

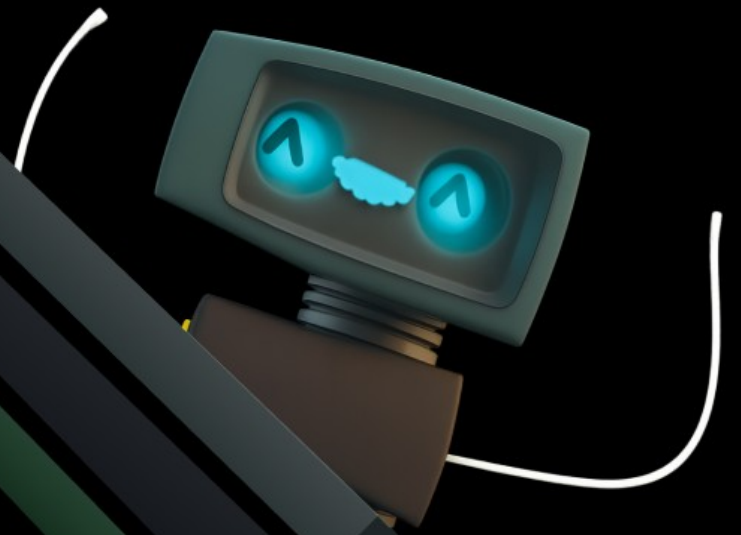
100%

funded by sponsorships

United States 501(c)(6)
volunteer organization

- 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**
  - **540** addresses subscribed to the Governance mailing list (October 8, 2026)
  - Governance list is at http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-gov

Vital Statistics and Growth: Years 2024 and 2025





Verified Users: 51,050

2025: +9%

2024: +11%



Organizations: 32,600

2025: +9%

2024: +10%



Peering Networks: 33,624

2025: +6%

2024: +8%



Internet Exchange Points: 1,268

2025: +2%

2024: +8%



Interconnection Facilities: 5,811

2025: +3%

2024: +7%



Campuses (New): 69

2025: +17%



Carriers (New): 269

2025: +26%

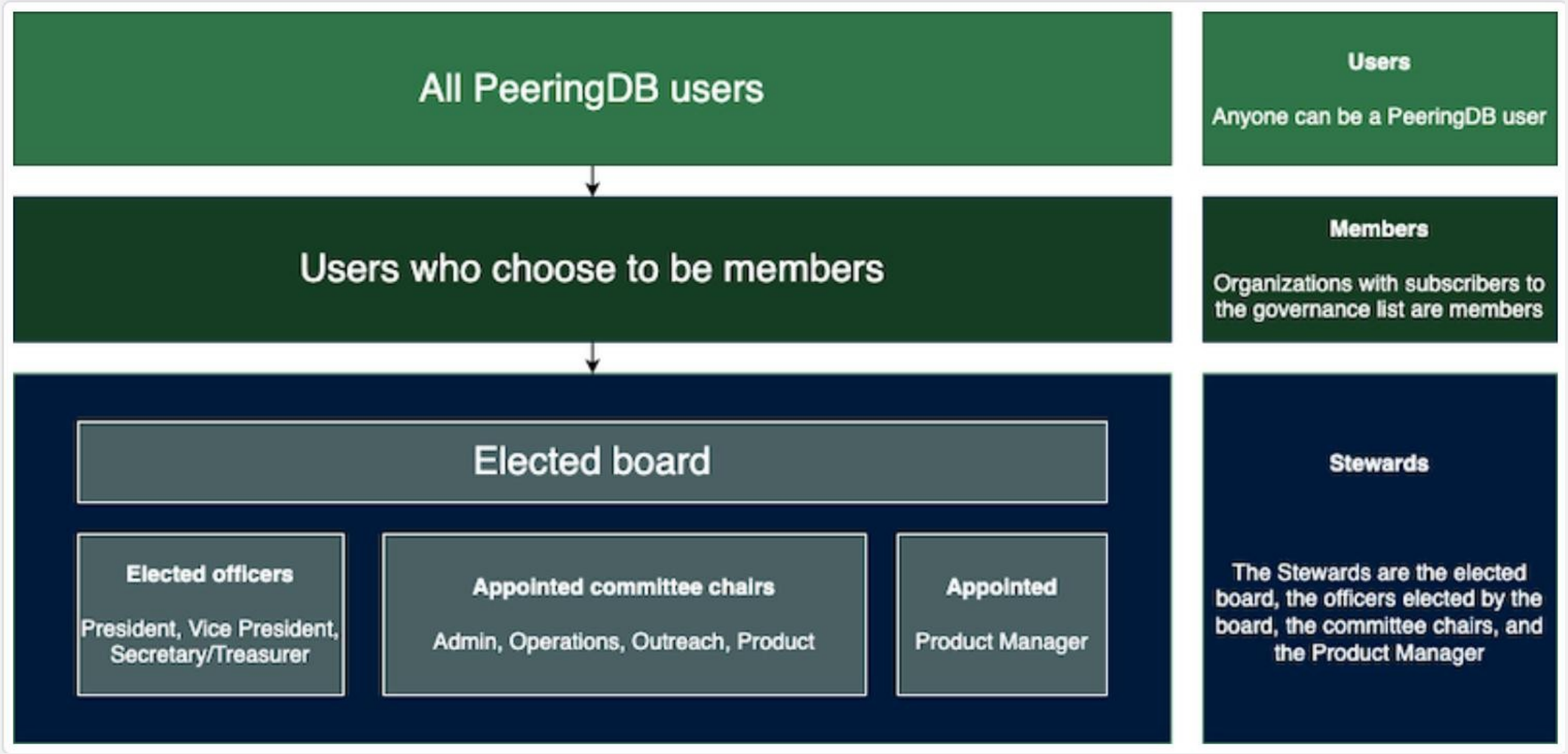
Neighbouring Countries: ASN Statistics

	IXP			Colocation			Total				
CC	IXP/OP	ASN	LASN	Colo/OP	ASN	LASN	TASN	TLASN	PDB	RIR	Routed
AU	37/7	544	336	160/59	627	373	788	463	760	3,000	1,699
CN	22/16	106	77	38/22	34	13	133	86	380	6,624	5,205
JP	**27/15**	**726**	**326**	**113/36**	**561**	**159**	**933**	**351**	**493**	**1,307**	**750**
KR	8/8	118	40	47/20	114	24	172	45	118	1,183	930
NZ	12/6	166	99	93/27	190	125	252	155	225	703	429
PG	3/1	13	9	2/2	0	0	13	9	12	39	28
PH	15/12	218	167	24/8	181	128	262	191	293	672	476
TW	10/9	320	121	21/13	216	93	386	139	217	480	300

CC = country; IXP = Internet Exchange Point; OP = operator; Colo = colocation facility; ASN = autonomous system; LASN = local ASN, registered in the country according to the RIR; TASN = total ASN (IXP + Colo); TLASN = total local ASN; PDB = ASNs in PeeringDB; RIR = ASNs registered at the RIR; Routed = ASNs in the DFZ.

Source: PeeringDB, 18 October 2026

How to Vote


All PeeringDB users
Users who choose to be members
Elected board
Elected officers
President, Vice President, Secretary/Treasurer
Appointed committee chairs
Admin, Operations, Outreach, Product
Appointed
Product Manager
Users
Anyone can be a PeeringDB user
Members
Organizations with subscribers to the governance list are members
Stewards
The Stewards are the elected board, the officers elected by the board, the committee chairs, and the Product Manager

Board of Directors and Officers



Shawna Bong – Secretary and Treasurer



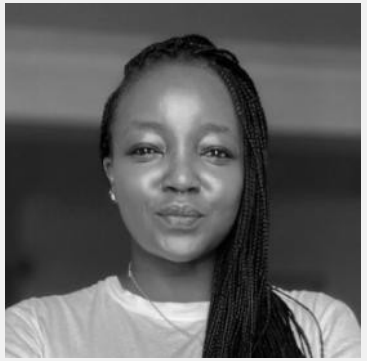
Alexandre Corso – Director (Term Expires 2027)



Marco Marzetti – Director (Term Expires 2028)



Livio Morina – President (Term Expires 2027)



Isabel Odida – Vice President (Term Expires 2027)



Brian Burke – Director (Term Expires 2028)

2026 New Board Direction

Operational stability

Kubernetes migration stability issues addressed

Association governance

Bylaws review and increased Member participation

Committee governance

Clear onboarding, offboarding and continuity processes

Long-term resilience

Succession planning and reduced dependency on individuals

Committees

Admin Committee

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

Leads: Chriztoffer Hansen (Chair) and Peter Helmenstine (Vice Chair)
Contact: admincom@lists.peeringdb.com

Operations Committee

- Manage PeeringDB infrastructure

Leads: Aaron Hughes (Chair)
Contact: 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: Ben Ryall (Chair)
Contact: 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: Jack Carrozzo (Chair) and Matt Griswold (Vice Chair)
Product Manager: Leo Vegoda
Contact: productcom@lists.peeringdb.com

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

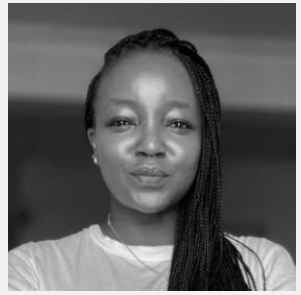


Aquinas Masakha

Crisóstomo Mbundu



Julimar Mendes



Isabel Odida – Board Liaison

Laura Yepes

Outreach Committee



Obinna Adumike



Lynsey Buckingham



Yolandi Cloete

Tarryn Kidd



Livio Morina – Board Liaison



Arnold Nipper



Ben Ryall – Chair



Leo Vegoda – Product Manager

Product Committee

Jeff Bartig



Yan Berthier



Jack Carrozzo – Chair



Alexandre Corso – Board Liaison



Maximiliano Estudies



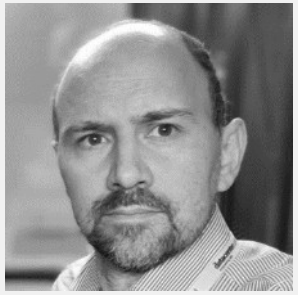
Matt Griswold – Vice Chair



Peter Helmenstine



Paul Hoogsteder



Laurent Jarbinet



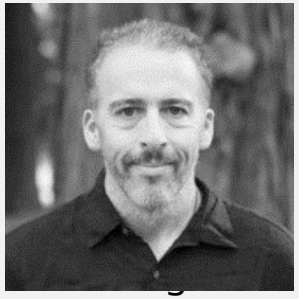
Stephen McManus



Arnold Nipper



Terry Sweetser



Product Manager

Using the PeeringDB API

The PeeringDB API makes it easy to integrate PeeringDB in your environment.

The PeeringDB database can be queried using a REST API.

1

request per second

rate limit on all endpoints

peeringdb-py

Local version of PeeringDB's SQL database

API key only if you want to synchronize contact information

peeringdb-py's defaults to an SQLite3 database

Documentation: docs.peeringdb.com/howto/peeringdb-py

Product Committee Process (Happy Path)

1. **Create an issue in GitHub**
2. **Discuss the issue**
3. **Vote on the issue**
4. **Schedule the work**

Product Committee Process (More Detail)

1. Agreement in principle
2. Get a design developed
3. Review the design
4. Agree on the design or revise it

Where issues stall

Questions to Consider

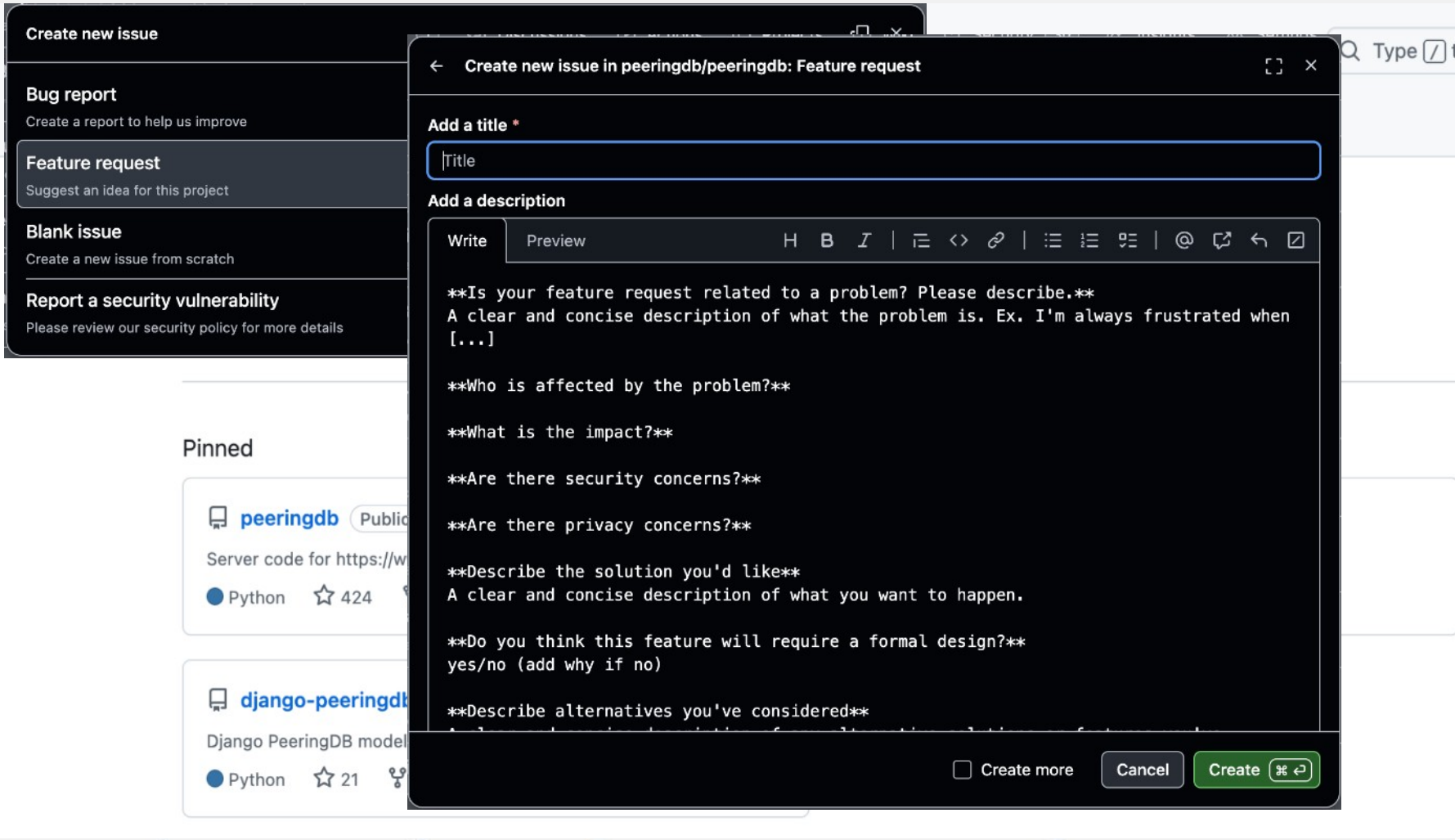
1. Does it need to be in PeeringDB?
2. Does it need to be in the API?
3. Who will use it?
4. Will they use it to decide on interconnection?
5. How many users will there be?

Could it be shared in the notes field?

Is it a ‘badge’ or does it have practical utility for networks, IXs, facilities, or carriers?

Ways to Engage

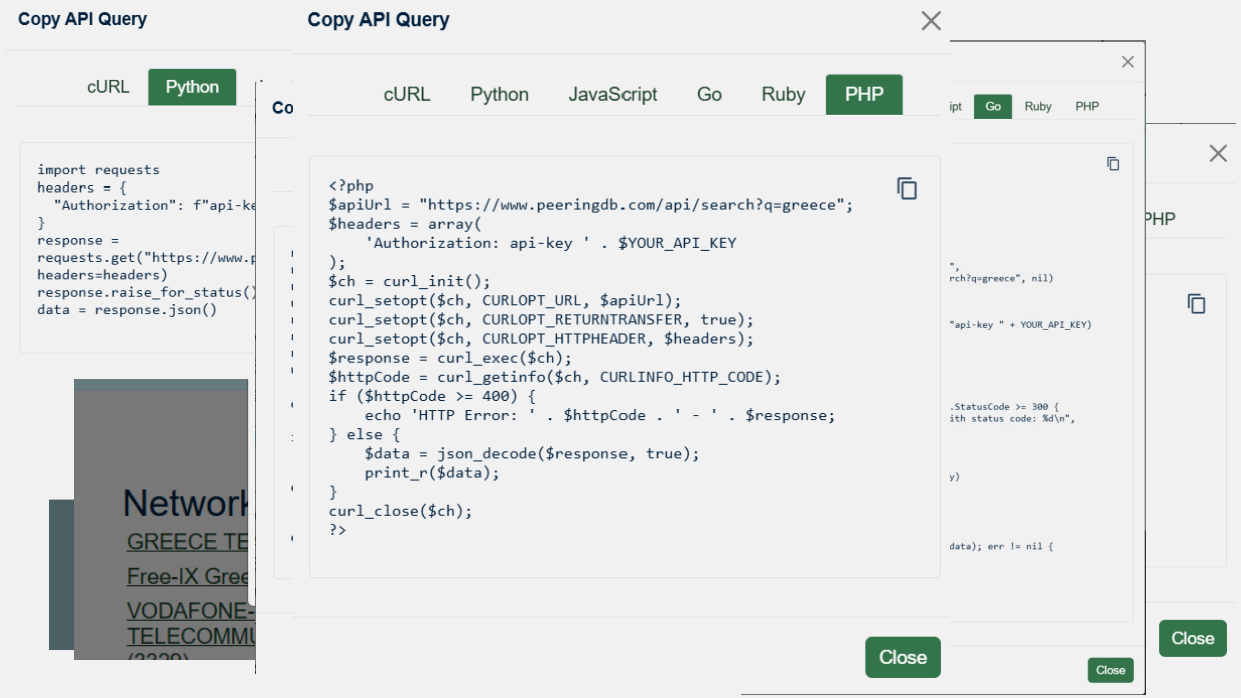
- Industry events
- Social media
- Mailing lists
- **GitHub**



Feature Updates

1

Copy API Query
Run an Advanced Search once on the website, then copy the query for curl or popular scripting languages



Source: PeeringDB Update April - September 2026, RIPE Labs, 23 Sep 2026

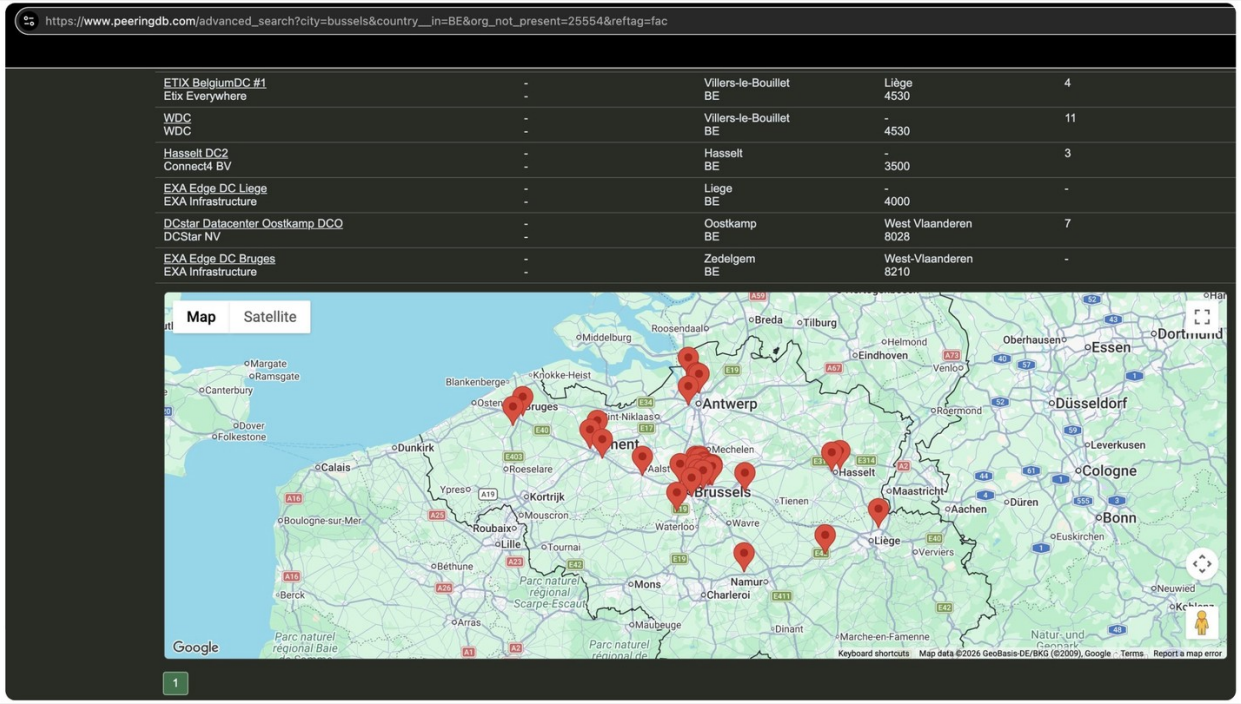
Feature Updates (continued)

2

In-page map
Advanced Search shows facilities on a map within a city. Switch it on with

3

KMZ file
The download of all facilities remains, with multiple layers to show



Source: PeeringDB Update April - September 2026, RIPE Labs, 23 Sep 2026

Operational Changes

1. **No public beta by default**
   The August test drew no feedback, so deploying straight to production after internal testing is now permanent

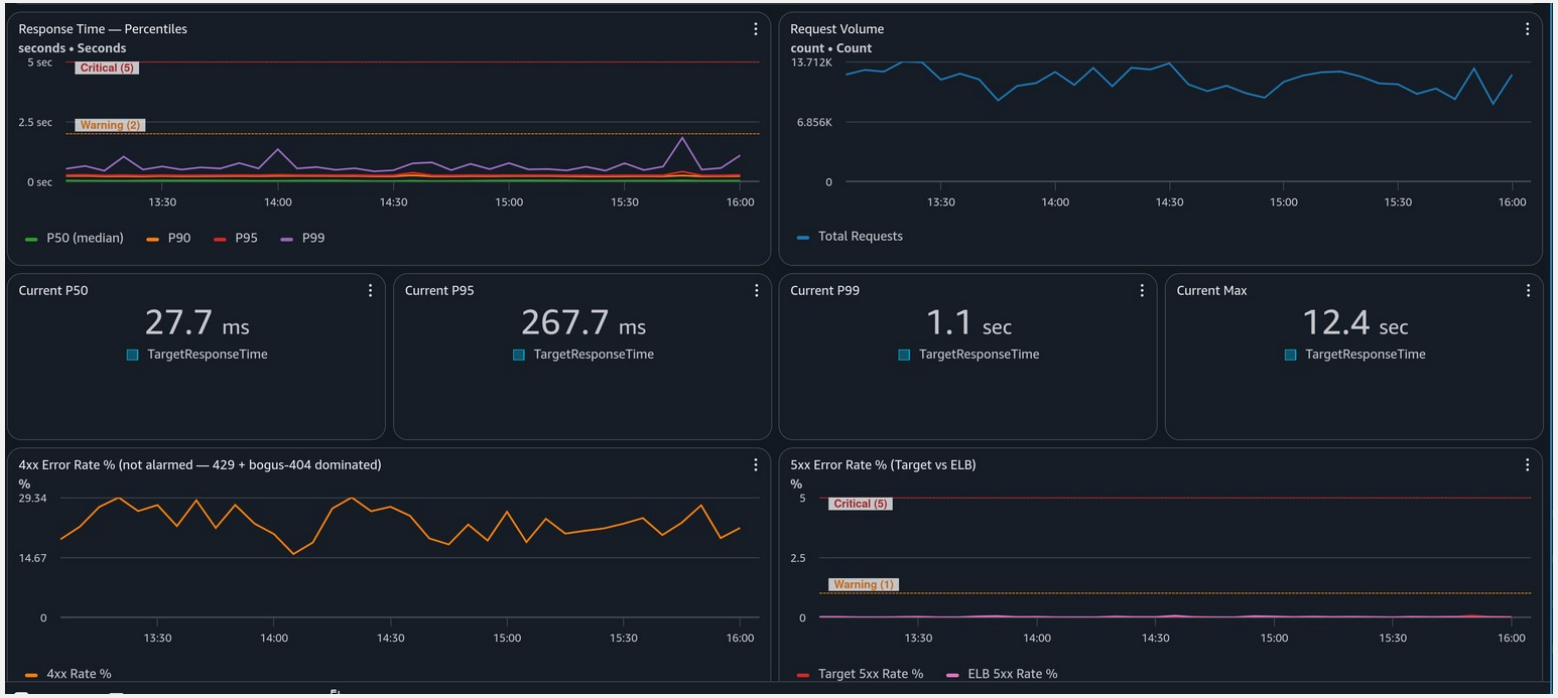
2. **Beta for major changes**
   Significant UI or API changes will still get a public beta

Source: PeeringDB Update April - September 2026, RIPE Labs, 23 Sep 2026

Operational Changes (continued)

3

New operations dashboard Volunteers got access in September. It becomes public later in the year



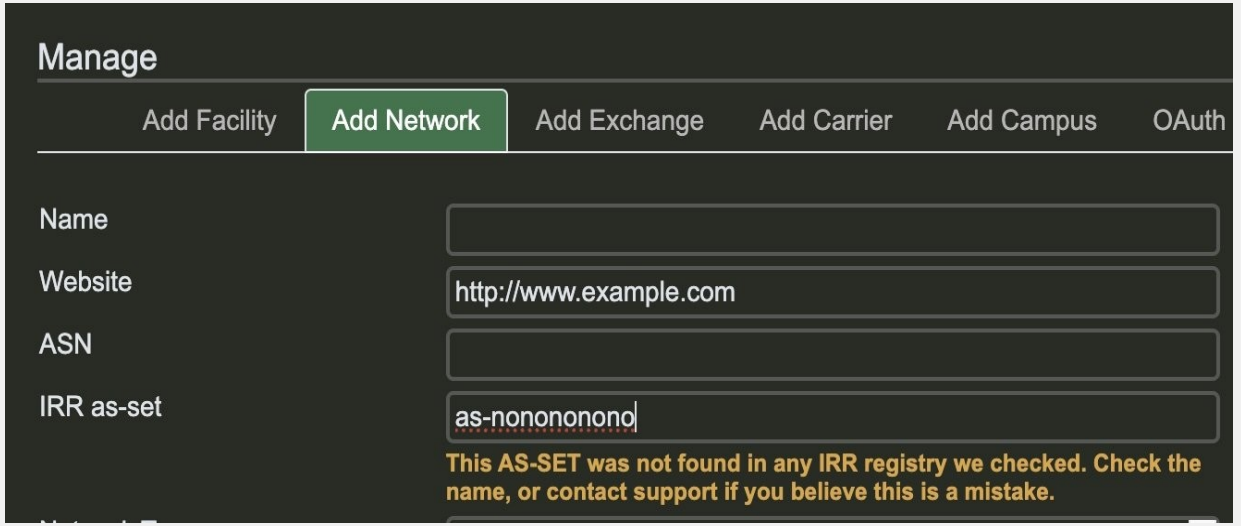
Source: PeeringDB Update April - September 2026, RIPE Labs, 23 Sep 2026

Data Quality

1. **IRR shown in AS-SET names**
   During September, names change to a form such as RIPE::AS-

2. **Networks asked to confirm**
   Where the IRR is unclear, PeeringDB contacts the network

3. **New AS-SET editor**
   Helps networks state the set name unambiguously. A warning



Source: PeeringDB Update April - September 2026, RIPE Labs, 23 Sep 2026

Looking Forward

1. **New metadata values**
   Signal your join or leave date for an exchange, your MTU and more, from next month

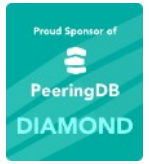
2. **API v3 discussion draft**
   Separates read and write architecture and allows more efficient queries. Input welcome on the discussion list

3. **MCP server and Agent Skills**
   Planned for automated searches by AI systems, published in the peeringdb/peeringdb repository

4. **Comparison tool ideas**
   Common networks between two IXes or facilities. Add a comment on GitHub issue 1979

Source: PeeringDB Update April - September 2026, RIPE Labs, 23 Sep 2026

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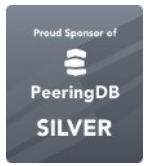
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SwissIX Internet Exchange **Silver Sponsor**

Also Known As	
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Address 1	Badenerstrasse 569
Address 2	8048 Zürich
Suite	
Location	Zürich, Zürich, 8048
Country Code	CH
Geocode	47.383408, 8.495608
Last Updated	2023-11-25T08:01:44Z
Notes	
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