What's New and What's Next

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Agenda

- Organization updates

- Information on the 2025 elections

- 2024 new feature highlights

Board of Directors and Officers

Shawna Bong – Secretary and Treasurer (Officer)

Aaron Hughes – Vice President (Term Expires 2026)

Rahul Makhija – Director (Term Expires 2025)

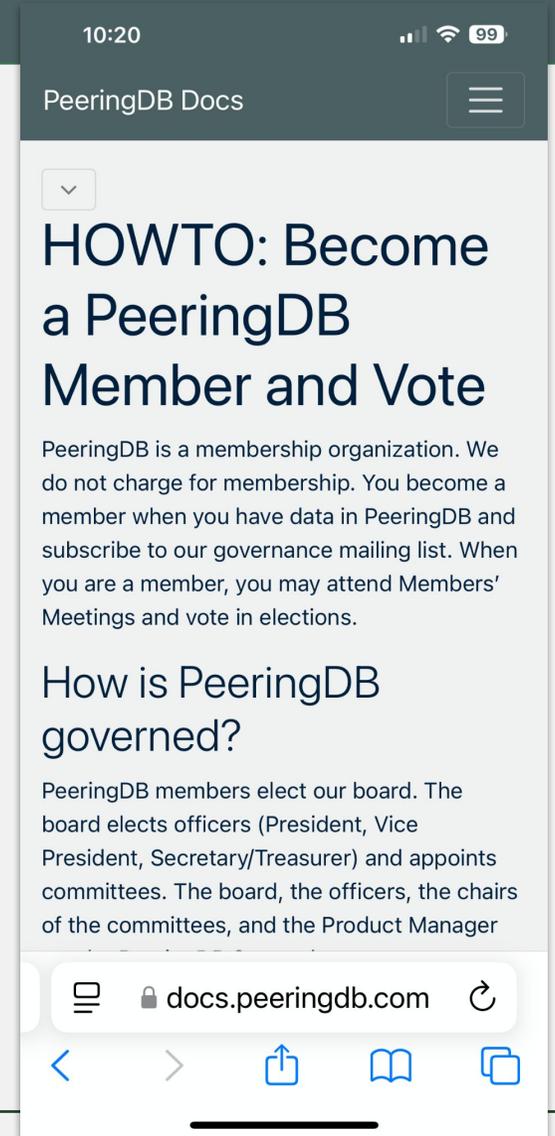Christopher Malayter – President (Term Expires 2025)

Livio Morina – Director (Term Expires 2025)

Job Snijders – Director (Term Expires 2026)

2025 AGM & Elections

- Member AGM on 10 March

- 3 board seats available

- Join the member list to become a member and vote!

PeeringDB

2024 New Feature Highlights

- We automatically remove ASNs after they are reclaimed by an RIR or NIR

- v2 search ([HOWTO](#))
  - Key features
    - Use natural language queries and a place name
    - Search for a network prefixed with "AS", partial matches show all relevant networks
    - Search for exchanges based on the facilities they are in
    - Search for campuses in in a geographic region, also displays a list of facilities
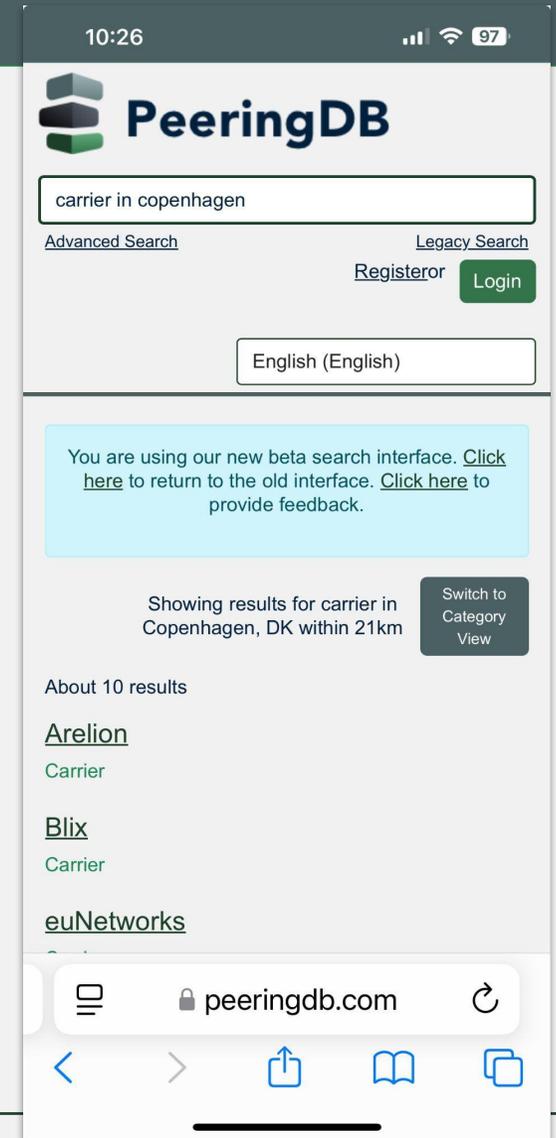
2024 New Feature Highlights

- peeringdb-py ([HOWTO](#)) enhancements
  - Run queries locally on your infrastructure to avoid query limits and to get the best response time
  - Reduces PeeringDB load (= cost)
- We have [containerized](#)
- Keyhole Markup Language (KML) export of geographic data
  - Import into GIS applications
  - Export relevant searches as a .KMZ file
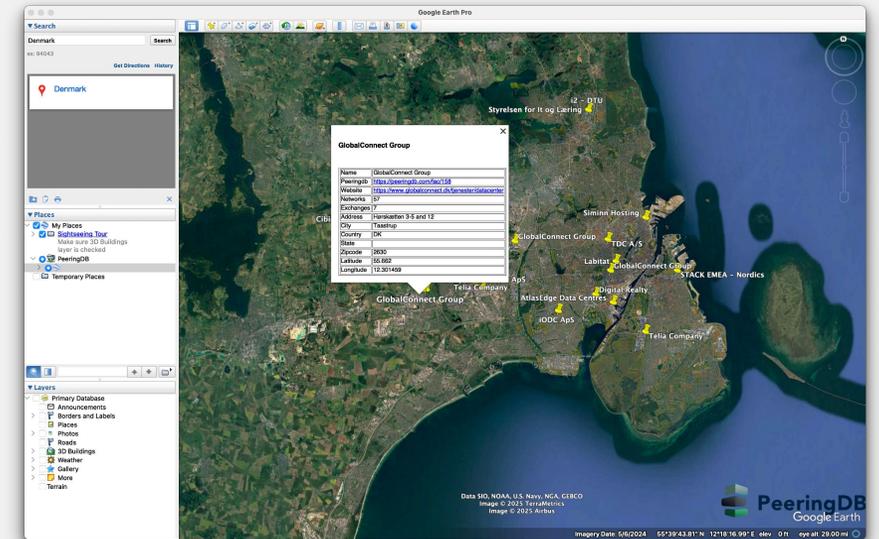
2024 New Feature Highlights

- Our blog describes other improvements and changes

- Or follow us on social media!
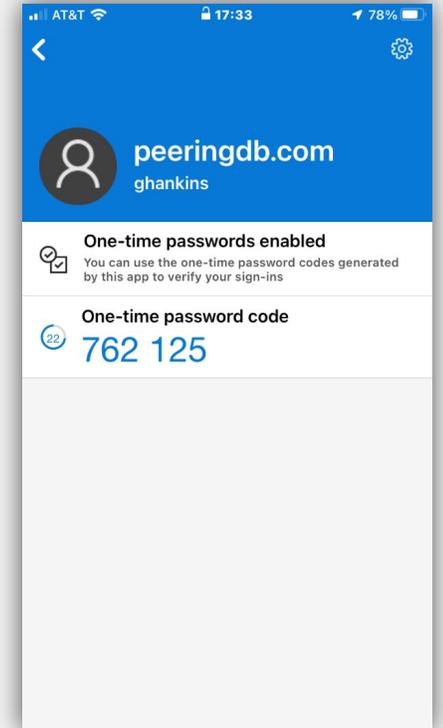
  https://www.facebook.com/peeringdb/

  https://www.linkedin.com/company/peeringdb

  @PeeringDB

2025 Roadmap: MFA

- Multi-factor authentication (MFA) has been available for years and will become mandatory

- [HOWTO](#)

- Two-factor authentication (2FA) options
    - TOTP
    - FIDO U2F
    - Passkeys
    - Provision for backup codes and recovery tokens

2025 Roadmap: MFA

- We are keeping anonymous use but will require MFA for all authenticated users
  - We are integrating MFA management in the user profile so managing options is easier
  - API users will need to create an API Key, no more username and password authentication

- More blog posts and announcements will be made on social media in advance

- Direct communications to users who haven't set up MFA

Account Security

Primary method: Enter the token generated by your token generator

Backup Tokens

If you don't have any device with you, you can access your account using backup tokens. You have 10 backup tokens remaining.

[Show Codes]

Disable Two-Factor Authentication

However we strongly discourage you to do so, you can also disable two-factor authentication for your account.

[Disable Two-Factor Authentication]

Security keys

Register your security key and use it as a 2FA method.

When using a U2F security key such as **yubikeys** the initial prompt may show other device-internal keys first (such as fingerprint scanners and security pins).
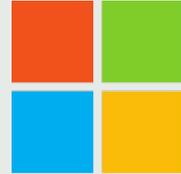
If your yubikey is plugged in but does not show up in the list, **cancel** the initial prompt and a new prompt for your yubikey should appear afterwards.

Name
Register security key	[Name]	[Register]

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Questions?