



**PeeringDB**

# 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)



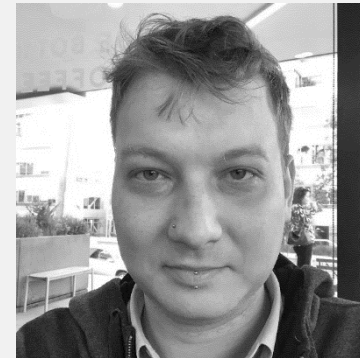
Rahul Makhija – Director  
(Term Expires 2025)



Christopher Malayter – President  
(Term Expires 2025)



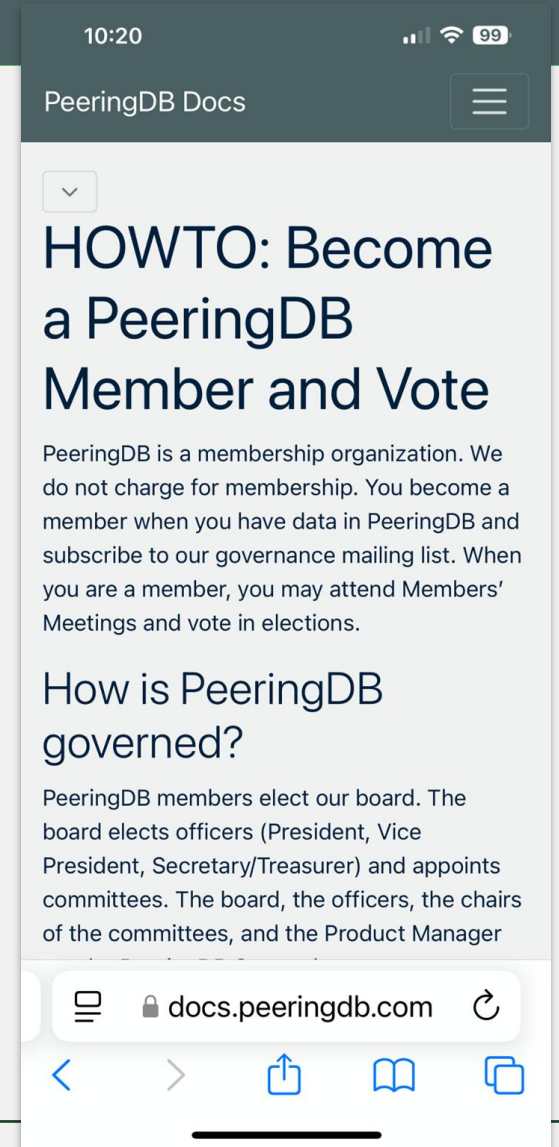
Livio Morina – Director  
(Term Expires 2025)



Job Snijders – Director  
(Term Expires 2026)

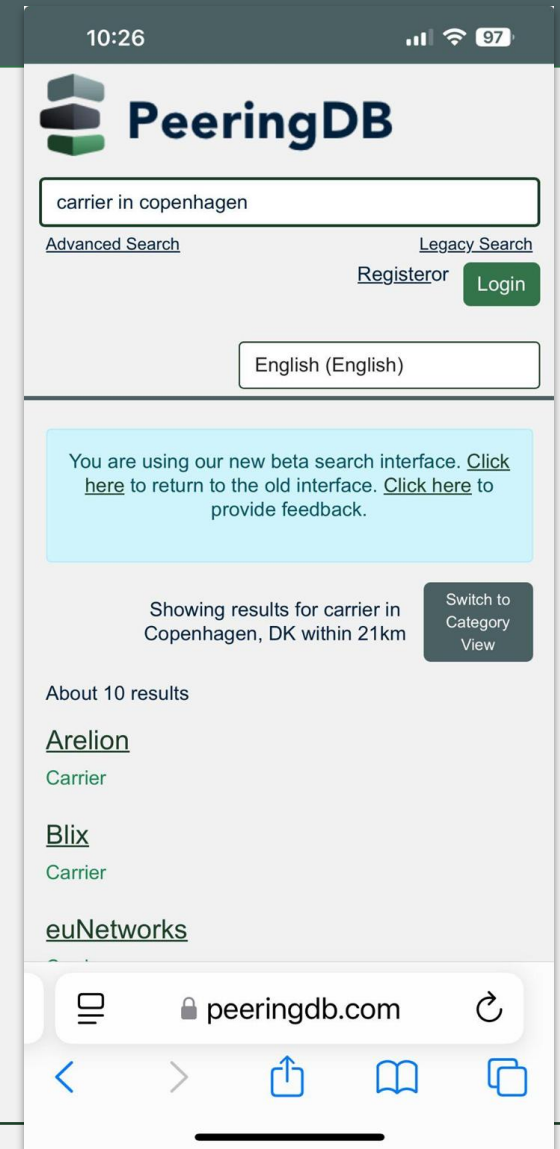
# 2025 AGM & Elections

- Member AGM on 10 March
- 3 board seats available
- Join the member list to become a member and vote!



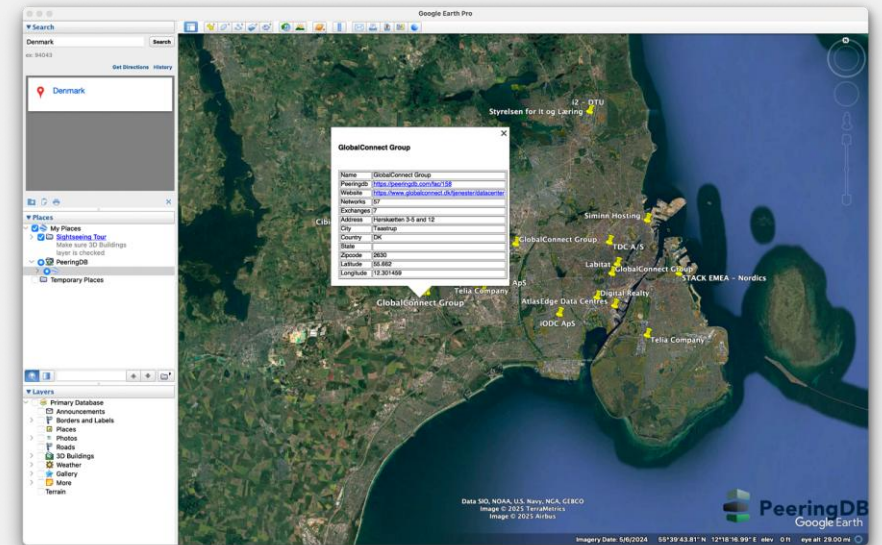
# 2024 New Feature Highlights

- 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/>

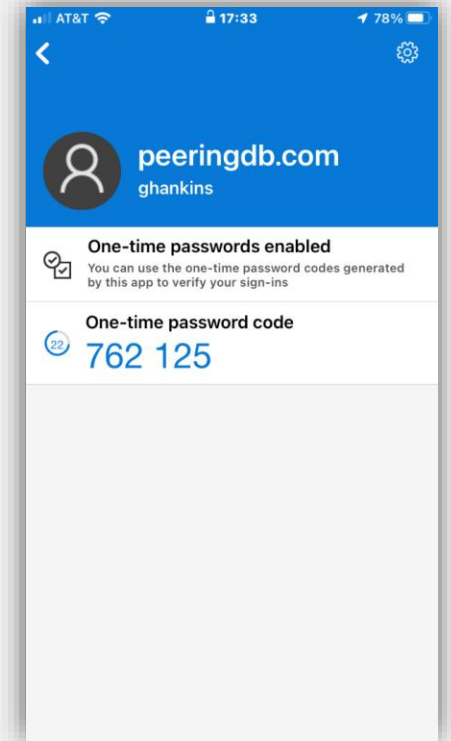
 <https://www.linkedin.com/company/peeringdb>

 [@PeeringDB](https://twitter.com/PeeringDB)



# 2025 Roadmap: MFA

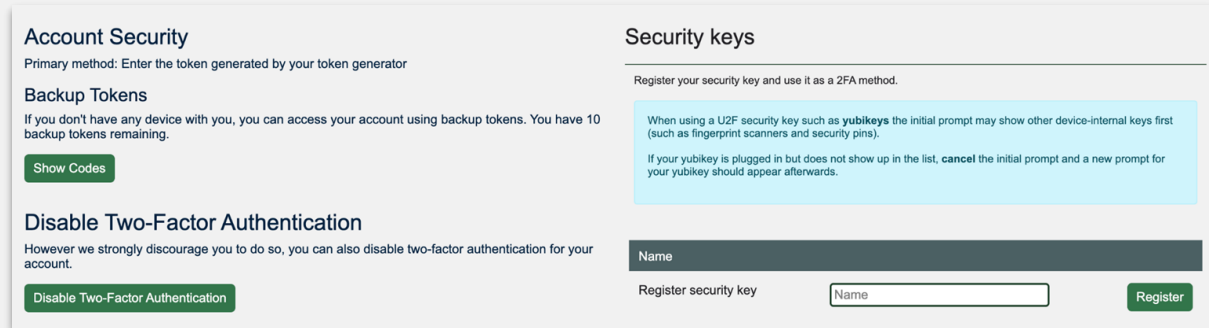
- Multi-factor authentication (MFA) has been available for years and will become mandatory
- [HOWTO](#)
- Two-factor authentication (2FA) options
  - TOTP
  - FIDO U2F
  - Passkeys
  - Provision for backup codes and recovery tokens





# 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



The screenshot displays two panels of account security settings. The left panel, titled 'Account Security', includes sections for 'Backup Tokens' (with a 'Show Codes' button) and 'Disable Two-Factor Authentication' (with a 'Disable Two-Factor Authentication' button). The right panel, titled 'Security keys', includes a 'Register security key' section with a 'Name' input field and a 'Register' button. A light blue informational box is present in the 'Security keys' section.

**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  Register

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# Questions?