



**PeeringDB**

# What's new on PeeringDB?

Livio Morina – Vice President of PeeringDB

[livio@peeringdb.com](mailto:livio@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 Internet Exchange, Facility, and Network Operators.”

- A PeeringDB record makes it easy for people to find you, and helps you 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



# 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
  - 344 addresses subscribed to the Governance mailing list (as of April 16, 2019)
  - Governance list is at <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-gov>
  - More information available at <http://gov.peeringdb.com/>

# Board of Directors and Officers



Shawna Bong – Secretary  
and Treasurer



Alexandre Corso – Director  
(Term Expires 2027)



Aaron Hughes –President  
(Term Expires 2026)



Livio Morina – Vice President  
(Term Expires 2027)



Isabel Odida – Director  
(Term Expires 2027)

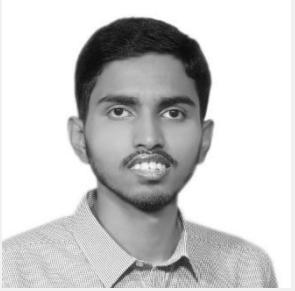


Job Snijders – Director  
(Term Expires 2026)

# Committees

Admin Committee	Operations Committee	Outreach Committee	Product Committee
<ul style="list-style-type: none"><li>• Manage administration of user accounts and PeeringDB records</li><li>• Answer support tickets</li><li>• Cleansing and completion of PeeringDB records</li></ul> <p>Leads: Chriztoffer Hansen (Chair) and Peter Helmenstine (Vice Chair) Contact: <a href="mailto:admincom@lists.peeringdb.com">admincom@lists.peeringdb.com</a></p>	<ul style="list-style-type: none"><li>• Manage PeeringDB infrastructure</li></ul> <p>Leads: Job Snijders (Chair) and Aaron Hughes (Vice Chair) Contact: <a href="mailto:pdb-ops@lists.peeringdb.com">pdb-ops@lists.peeringdb.com</a></p>	<ul style="list-style-type: none"><li>• Manage marketing and social media</li><li>• Develop and maintain presentations, workshops and webinars</li><li>• Coordinate presentations and attendance at events</li></ul> <p>Leads: Ben Ryall (Chair) Contact: <a href="mailto:outreachcom@lists.peeringdb.com">outreachcom@lists.peeringdb.com</a></p>	<ul style="list-style-type: none"><li>• Manage roadmap and development priorities</li><li>• Ask for input from the community on desired features</li><li>• Write SoWs to solicit bids to complete requested features</li></ul> <p>Leads: Jack Carrozzo (Chair) and Matt Griswold (Vice Chair) Product Manager: Leo Vegoda Contact: <a href="mailto:productcom@lists.peeringdb.com">productcom@lists.peeringdb.com</a></p>

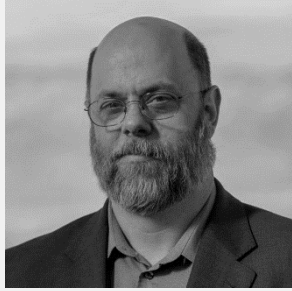
# Admin Committee



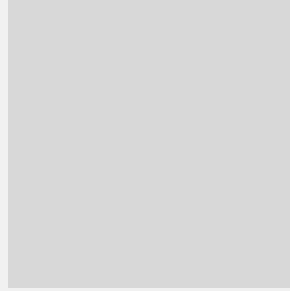
Ankesh  
Anand



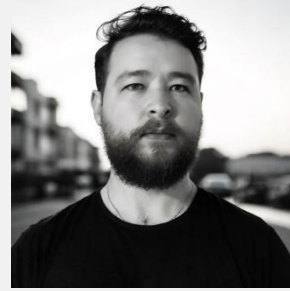
Austin  
Brower



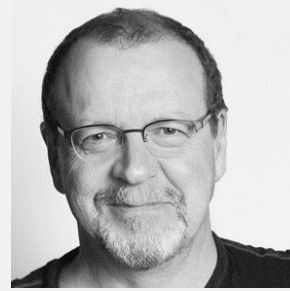
John  
Brown



Budiwijaya



Shaun  
Coffey



Ron  
Grant



Chriztoffer  
Hansen – Chair



Peter Helmenstine  
– Vice Chair



Gaël  
Hernandez



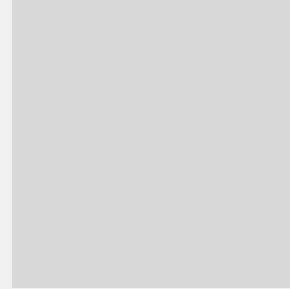
Adam  
Korab



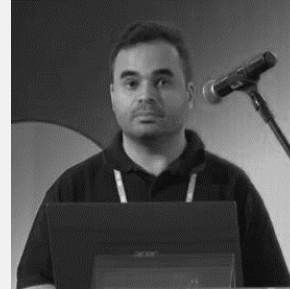
Chris  
Malayter



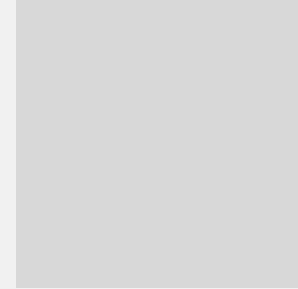
Aquinas  
Masakha



Crisóstomo  
Mbundu



Julimar  
Mendes



Laura  
Yepes



# Outreach Committee



Obinna  
Adumike



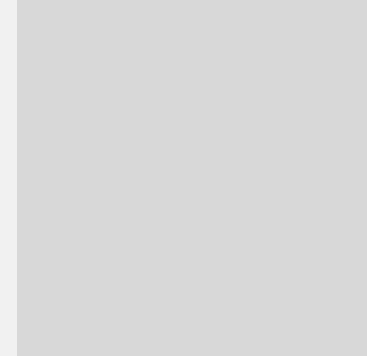
Lynsey  
Buckingham



Greg  
Hankins



Aaron Hughes –  
Board Liaison



Tarryn  
Kidd



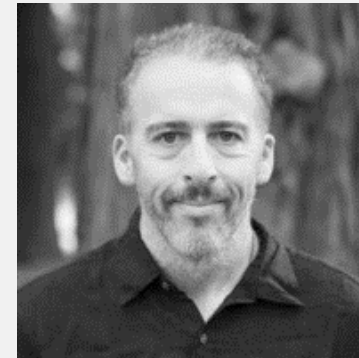
Livio  
Morina



Arnold  
Nipper



Ben Ryall –  
Chair



Leo Vegoda –  
Product Manager

# Product Committee



Jeff  
Bartig



Yan  
Berthier



Jack Carrozzo –  
Chair



Yolandi  
Cloete



Matt Griswold –  
Vice Chair



Martin  
Hannigan



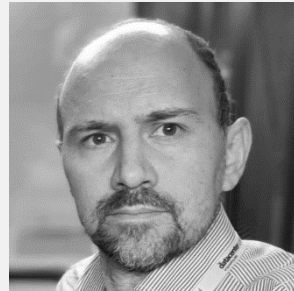
Peter  
Helmenstine



Paul  
Hoogsteder



Aaron Hughes –  
Board Liaison



Laurent  
Jarbinet



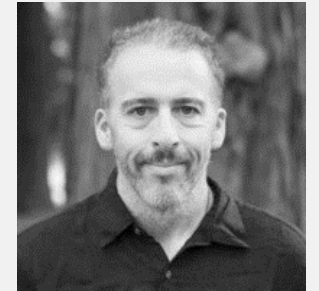
Stephen  
McManus



Arnold  
Nipper



Terry  
Sweetser



Leo Vegoda –  
Product Manager



# We (always) Need Beta Testers

## Consider using the Beta environment as default

- Just over half a percent of users visit [beta.peeringdb.com](https://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](https://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](mailto:pc@peeringdb.com) with any questions

# PeeringDB is Open Source Software!

- Open source release announcement on 2018-11-10
  - Released under the 2-Clause BSD License:  
<https://opensource.org/licenses/BSD-2-Clause>
- Beneficial to the peering and interconnection community by promoting innovation
  - Allows volunteers to contribute
  - Makes it easier for third parties to bid on new features specified by the Product Committee
  - A process for accepting contributions will be announced
- Source code is available on GitHub:  
<https://github.com/peeringdb/peeringdb>

← → ↻

github.com/peeringdb

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peeringdb

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🏠 Overview

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📁 Projects

📁 Packages

👤 People 5



## PeeringDB

The Interconnection Database

👤 76 followers   🔗 <http://www.peeringdb.com>   📧 [support@peeringdb.com](mailto:support@peeringdb.com)

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Server code for <https://www.peeringdb.com/>

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Python 92 23

📁 django-peeringdb Public

Django PeeringDB models

Python 21 15

People



Top languages

Python HTML Shell JavaScript

Report abuse

# 2024 Year in Review

	2023	2024	Difference	% Increase
Campuses	-	556	n/a	n/a
Carriers	-	8,164	n/a	n/a
Exchanges	1,152	1,239	87	7.6
Facilities	5,282	5,633	351	6.7
Networks	29,148	31,597	2,449	8.4
Organizations	27,714	30,008	2,834	10.2
Users	41,975	46,657	4,682	11.2

# News in brief

- MFA mandate went smoothly
- Completing the move from VMs to containers to allow more elegant scaling
- New [HOWTO](#) on contact data
- Setting up `peeringdb-py` is now just one command, ideal for a laptop
- We now normalize data for:
  - Country name
  - Province/state name
  - City name
  - Street address





# 2024 New Feature Highlights

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

Exchanges Networks **ASN Connectivity** Facilities Organizations Campus Carriers

ASNs

Search ASN numbers ...

- AS50877 - Airbeam
- AS137 - GARR

Maximum 10 ASNs.

Reset

Search

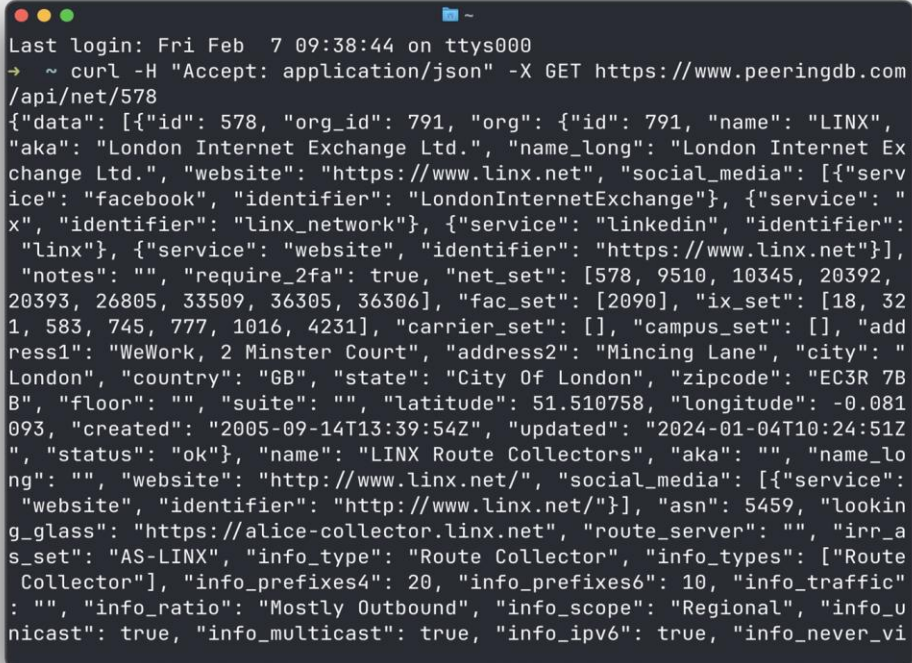
↓ JSON

↓ CSV

Facility	AS50877	AS137
<a href="#">AtlasEdge DC Milan LIN001</a>	<input type="radio"/>	<input checked="" type="radio"/>
<a href="#">Balkan Gate Thessaloniki</a>	<input checked="" type="radio"/>	<input type="radio"/>
<a href="#">C21</a>	<input checked="" type="radio"/>	<input type="radio"/>
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<a href="#">Lancom Thessaloniki DC</a>	<input checked="" type="radio"/>	<input type="radio"/>
<a href="#">MIX DC CALDERA</a>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
<a href="#">Namex Datacenter Rome</a>	<input type="radio"/>	<input checked="" type="radio"/>
<a href="#">Telnet Caldera Milan</a>	<input checked="" type="radio"/>	<input type="radio"/>
<a href="#">VSIX</a>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

# 2025 Roadmap: Search

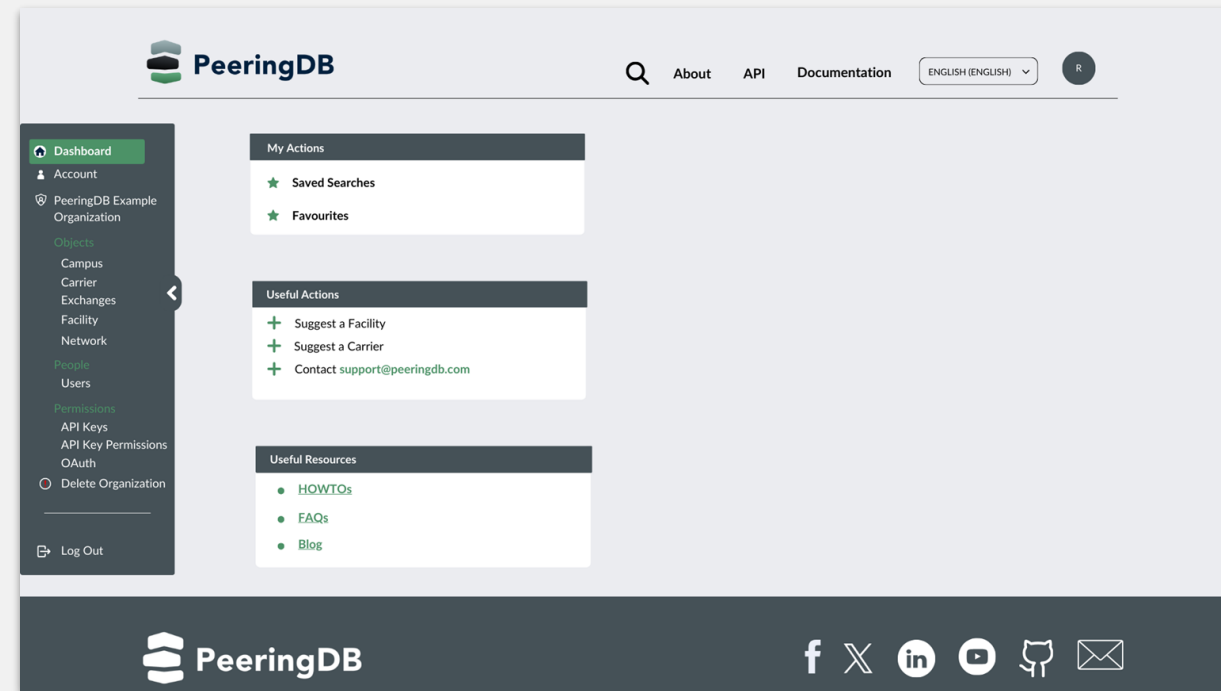
- Refactor v2 search code with improved automated testing
  - Results should be completer and more relevant
- Web search → API query link
  - Help less technical users develop one liners that improve their efficiency
- Implement search filters, e.g. hide IXPs without an ixfac
  - Give users more control over what they see
  - Will apply to authenticated web and user API Key usage
  - Once developed, other filters can be added as needed
- Implement Advanced Search in v2
  - Another step towards removing legacy search



```
Last login: Fri Feb 7 09:38:44 on ttys000
→ ~ curl -H "Accept: application/json" -X GET https://www.peeringdb.com/api/net/578
{"data": [{"id": 578, "org_id": 791, "org": {"id": 791, "name": "LINX", "aka": "London Internet Exchange Ltd.", "name_long": "London Internet Exchange Ltd.", "website": "https://www.linx.net", "social_media": [{"service": "facebook", "identifier": "LondonInternetExchange"}, {"service": "x", "identifier": "linx_network"}, {"service": "linkedin", "identifier": "linx"}, {"service": "website", "identifier": "https://www.linx.net"}], "notes": "", "require_2fa": true, "net_set": [578, 9510, 10345, 20392, 20393, 26805, 33509, 36305, 36306], "fac_set": [2090], "ix_set": [18, 321, 583, 745, 777, 1016, 4231], "carrier_set": [], "campus_set": [], "address1": "WeWork, 2 Minster Court", "address2": "Mincing Lane", "city": "London", "country": "GB", "state": "City Of London", "zipcode": "EC3R 7B B", "floor": "", "suite": "", "latitude": 51.510758, "longitude": -0.081093, "created": "2005-09-14T13:39:54Z", "updated": "2024-01-04T10:24:51Z", "status": "ok"}, {"name": "LINX Route Collectors", "aka": "", "name_long": "", "website": "http://www.linx.net/", "social_media": [{"service": "website", "identifier": "http://www.linx.net/"}], "asn": 5459, "looking_glass": "https://alice-collector.linx.net", "route_server": "", "irr_as_set": "AS-LINX", "info_type": "Route Collector", "info_types": ["Route Collector"], "info_prefixes4": 20, "info_prefixes6": 10, "info_traffic": "", "info_ratio": "Mostly Outbound", "info_scope": "Regional", "info_unicast": true, "info_multicast": true, "info_ipv6": true, "info_never_v1": true}]}
```

# 2025 Roadmap: Saved Searches, Notifications

- We're discussing ([#1736](#)) adding a “planned” status with a date
- It would integrate with notifications
- You could share a planned operational date for any object type
- Others could be notified of plans they are interested in





# 2025 Roadmap: Operations and Bug Fixes

- We're working on making both the API and website more responsive
  - You can sync using peeringdb-py to keep queries local and integrate PeeringDB data with other sources
- We'll be developing
  - Additional support tools
  - Minor features
  - Bug fixes

# Website

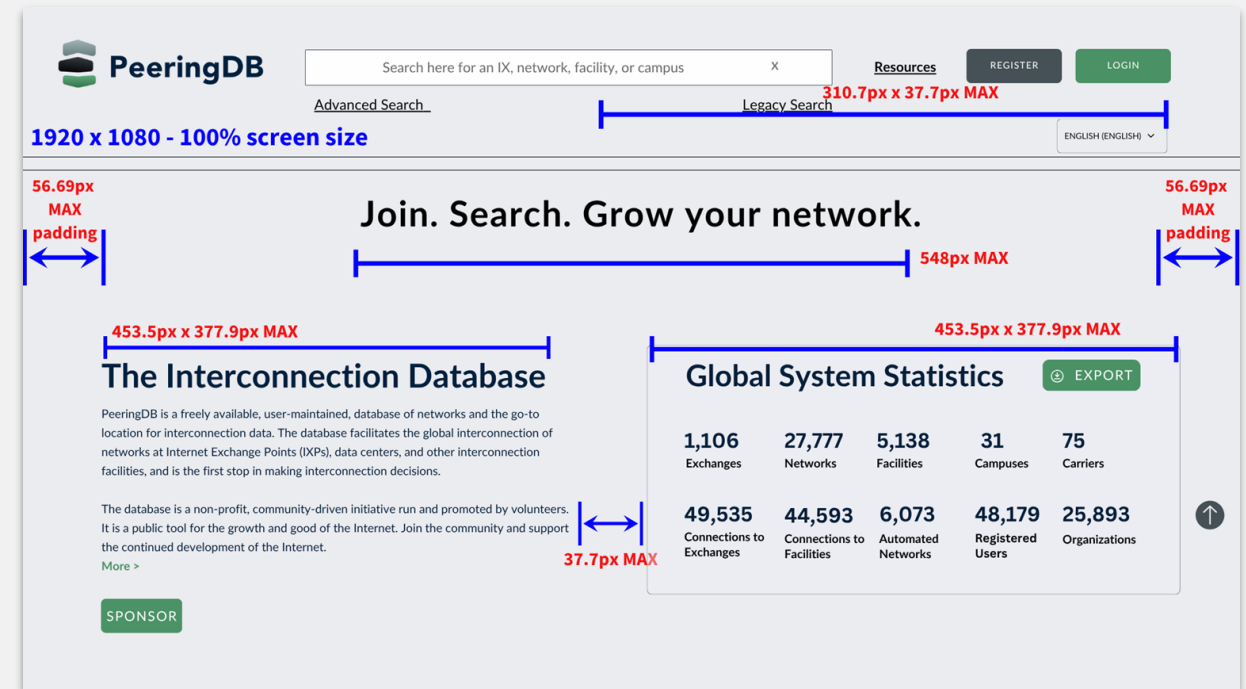
Better support for wide screens

Better support for mobile users






No radical change, no need to relearn

Deployed new design to PeeringDB volunteers and iterating based on feedback

- 1-in-5 users will be opted in
- They can opt-out
- Version control is next to dark mode control in profile



# Information and Resources

- Announce list: <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-announce>
- Governance list: <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-gov>
- Technical list: <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-tech>
- User Discuss list: <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/user-discuss>
- Docs, presentations, guides, tools: <http://docs.peeringdb.com/>
- Board and Officers: [stewards@lists.peeringdb.com](mailto:stewards@lists.peeringdb.com)
- Admins: [support@peeringdb.com](mailto:support@peeringdb.com)
- Presentation requests: [outreachcom@lists.peeringdb.com](mailto:outreachcom@lists.peeringdb.com)
- Uptime status: <http://status.peeringdb.com/>
-  Bugs and feature requests: <https://github.com/peeringdb/peeringdb/>
- Social media:
  -  <https://www.facebook.com/peeringdb/>
  -  <https://www.linkedin.com/company/peeringdb>
  -  [@PeeringDB](https://twitter.com/PeeringDB)
  -  [https://www.youtube.com/channel/UCOrYWUg-dbL9UTFV\\_Lry6Wg](https://www.youtube.com/channel/UCOrYWUg-dbL9UTFV_Lry6Wg)

# Become a PeeringDB Sponsor!

- Diamond Sponsorship - \$25,000 / year



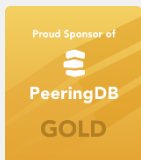
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- Very large logo on top line of Sponsors page with URL
- Diamond Sponsor badge display on all records
- Social media promotion

- Platinum Sponsorship - \$10,000 / year



- Large logo on second line of Sponsors page with URL
- Platinum Sponsor badge display on all records
- Social media promotion

- Gold Sponsorship - \$5,000 / year



- Medium logo on third line of Sponsors page
- Gold Sponsor badge display on all records
- Social media promotion

- Silver Sponsorship - \$2,500 / year



- Small logo on fourth line of Sponsors page
- Silver Sponsor badge display on all records
- Social media promotion

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Also Known As	
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Address 2	



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Contact [sponsorship@peeringdb.com](mailto:sponsorship@peeringdb.com) for sponsorship info!

# PeeringDB in the Baltic States

CC	IXP/OP	ASN	LASN	Colo/OP	ASN	LASN	TASN	TLASN	PDB	RIR	Routed
EE	12/11	207	29	18/14	134	23	254	37	74	220	167
LT	4/4	69	36	12/9	34	22	81	42	81	211	185
LV	6/6	102	17	11/6	41	17	119	20	43	305	241

CC: Country Code  
OP: Operator  
LASN: Local ASN  
TASN: Total ASN (IXP+Colo)  
PDB: PeeringDB  
Routed: in DMZ

IXP: Internet Exchange  
ASN: Autonomous System  
Colo: Colocation  
TLASN: Total Local ASN  
RIR: Regional Internet Registry



# Thank you to our sponsors!



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PeeringDB

2025-09-24

BalticNOG1 – Vilnius (Lithuania)

Livio Morina

24