



PeeringDB

What's new on PeeringDB?

Livio Morina – Vice President of PeeringDB

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



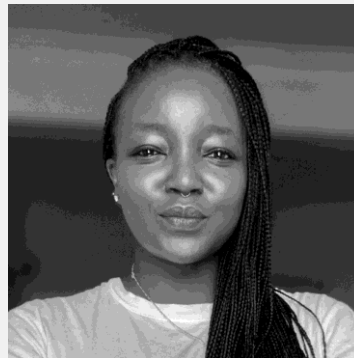
Alexandre Corso – Director
(Term Expires 2027)



Aaron Hughes –President
(Term Expires 2026)



Livio Morina – Vice President
(Term Expires 2027)



Isabel Odida – Director
(Term Expires 2027)

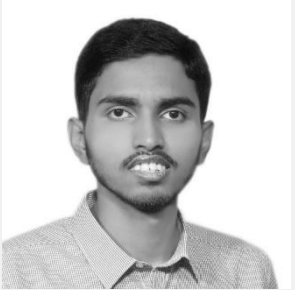


Job Snijders – Director
(Term Expires 2026)

Committees

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

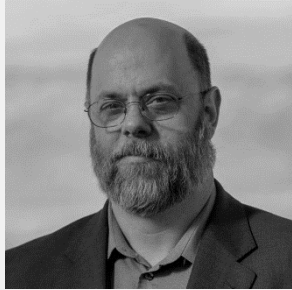
Admin Committee



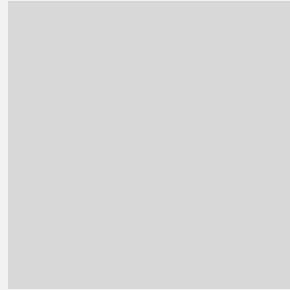
Ankesh
Anand



Austin
Brower



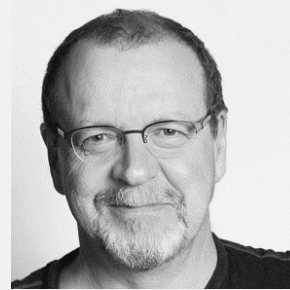
John
Brown



Budiwijaya



Shaun
Coffey



Ron
Grant



Chriztoffer
Hansen – Chair



Peter Helmenstine
– Vice Chair



Gaël
Hernandez



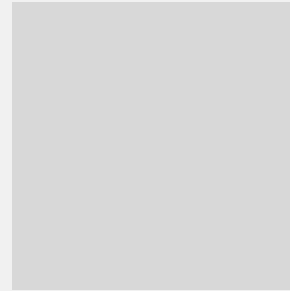
Adam
Korab



Chris
Malayter



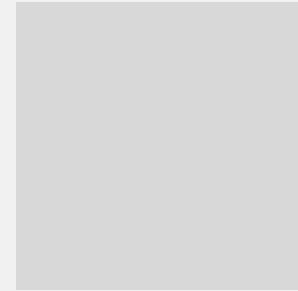
Aquinas
Masakha



Crisóstomo
Mbundu

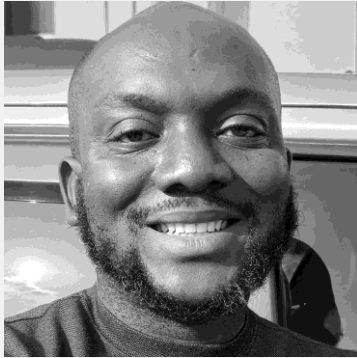


Julimar
Mendes



Laura
Yepes

Outreach Committee



Obinna
Adumike



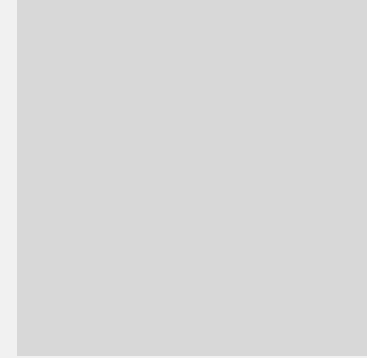
Lynsey
Buckingham



Greg
Hankins



Aaron Hughes –
Board Liaison



Tarryn
Kidd



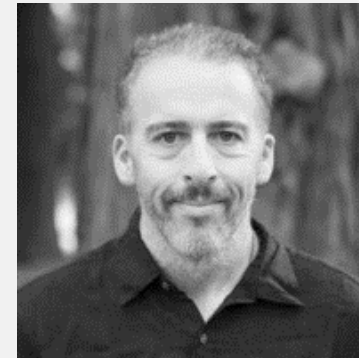
Livio
Morina



Arnold
Nipper

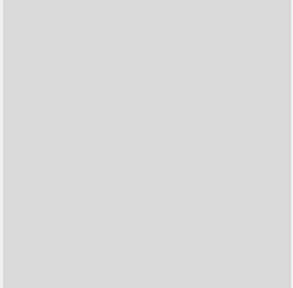


Ben Ryall –
Chair



Leo Vegoda –
Product Manager

Product Committee



Jeff
Bartig



Yan
Berthier



Jack Carrozzo –
Chair



Yolandi
Cloete



Matt Griswold –
Vice Chair



Martin
Hannigan



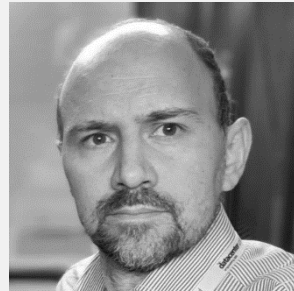
Peter
Helmenstine



Paul
Hoogsteder



Aaron Hughes –
Board Liaison



Laurent
Jarbinet



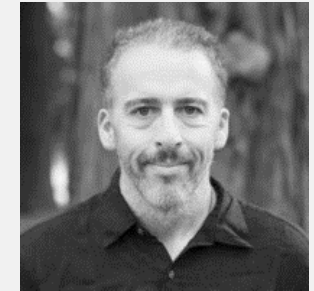
Stephen
McManus



Arnold
Nipper



Terry
Sweetser



Leo Vegoda –
Product Manager

We (always) Need Beta Testers (pre-news)

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

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 [HOWTOs](#)
- We now normalize data for:
 - Country name
 - Province/state name
 - City name
 - Street address
- Refactor v2 search code with improved automated testing
 - Results should be complete and more relevant



New Feature Highlights

- We automatically remove ASNs after they are reclaimed by an RIR or NIR
- Keyhole Markup Language (KML) export of geographic data
 - Import into GIS applications
 - Export relevant searches as a .KMZ file
- 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)
 - Setting up `peeringdb-py` is now just one command, ideal for a laptop

Copy API Query

cURL

Python

```
import requests
headers = {
    "Authorization": f"api-k
}
response =
requests.get("https://www.
headers=headers)
response.raise_for_status(
data = response.json()
```

Copy API Query

cURL

Python

JavaScript

Go

Ruby

PHP

Co

```
<?php
$apiUrl = "https://www.peeringdb.com/api/search?q=greece";
$headers = array(
    'Authorization: api-key ' . $YOUR_API_KEY
);
$ch = curl_init();
curl_setopt($ch, CURLOPT_URL, $apiUrl);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_HTTPHEADER, $headers);
$response = curl_exec($ch);
$httpCode = curl_getinfo($ch, CURLINFO_HTTP_CODE);
if ($httpCode >= 400) {
    echo 'HTTP Error: ' . $httpCode . ' - ' . $response;
} else {
    $data = json_decode($response, true);
    print_r($data);
}
curl_close($ch);
?>
```

ipt

Go

Ruby

PHP

```
",
rch?q=greece", nil)

"api-key " + YOUR_API_KEY)

.StatusCode >= 300 {
ith status code: %d\n",

y)

data); err != nil {
```

Close

Close

Live Close

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PeeringDB

2025-12-12

GRNOG19 - Athens (Greece)

Network

GREECE TE

Free-IX Gree

VODAFONE-P

TELECOMMU

(0000)

[Exchanges](#)[Networks](#)[ASN Connectivity](#)[Facilities](#)[Organizations](#)[Campus](#)[Carriers](#)[Facilities](#)[Exchanges](#)[Show All](#)[Any Matches](#)[All Matches](#)☐ Hide unmatched exchanges

ASNs

Search ASN numbers ...

AS50877 - Airbeam

AS5408 - National Infrastructures for Research and Technology (GRNET)

AS137 - GARR

Maximum 10 ASNs.

[Reset](#)[Search](#)[JSON](#)[CSV](#)☒ Present☐ Not Present☒ Any Matches☐ All MatchesExchange [AZ](#) ▾

AS50877

AS5408

AS137

[Equinix Milan](#)☒☐☐[GR-IX::Athens](#)☐☒☐[GR-IX::Thessaloniki](#)☐☒☐[MINAP Milan](#)☒☐☐[MIX-IT](#)☒☐☒[Namex Rome](#)☐☐☒[NetIX Greece](#)☒☐☐[TIX](#)☐☐☒[TOP-IX](#)☒☐☒[VSIX](#)☒☐☒

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)

PeeringDB Blogs

PeeringDB blogs provide deeper insight into the releases and product roadmap.

2025

- [What we Learned From our 2025 User Survey](#) - December 8, 2025
- [More ASN Comparisons](#) - November 12, 2025
- [PeeringDB's 2025 User Survey](#) - September 12, 2025
- [September 2025 PeeringDB Product Update](#) - August 29, 2025
- [Comparing Networks on PeeringDB's Website](#) - August 4, 2025
- [PeeringDB Website Update](#) - June 15, 2025
- [April 2025 PeeringDB Product Update](#) - April 24, 2025
- [PeeringDB Will Require MFA and API Keys to Log In](#) - March 13, 2025
- [Improvements for peeringdb-py](#) - February 28, 2025
- [2025 Starts With Better Search](#) - January 22, 2025

2024

- [API Keys: Basic Authentication is Going Away](#) -

Website

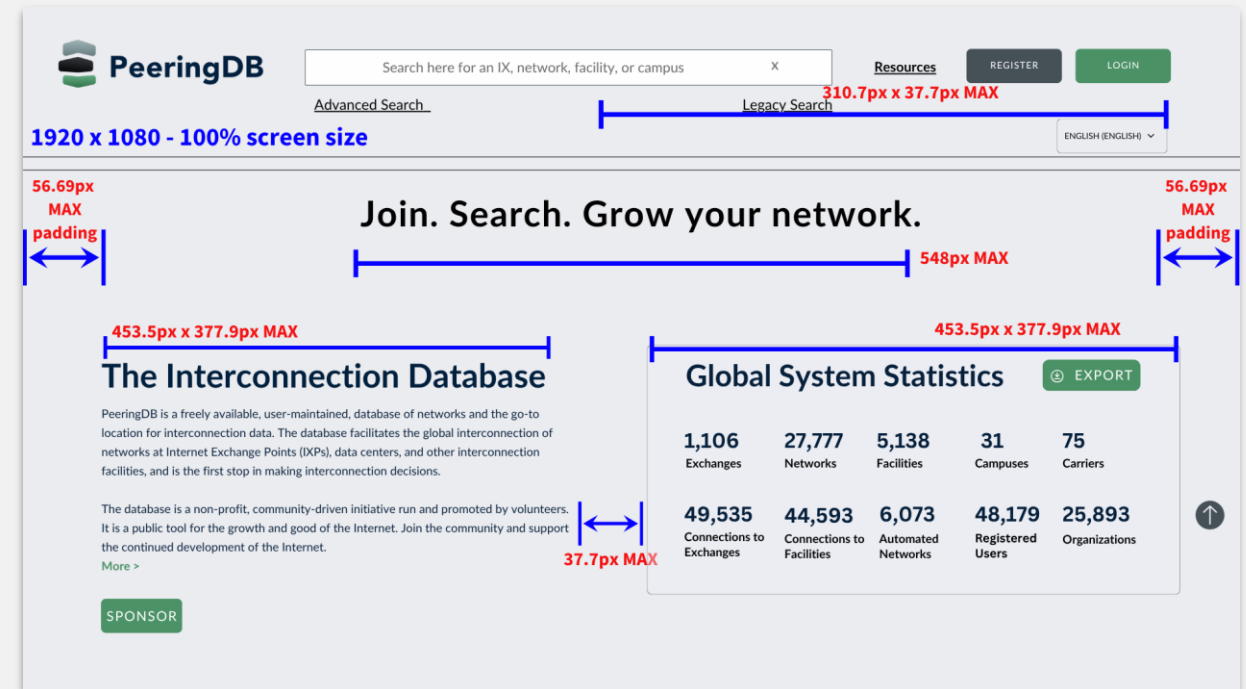
Better support for wide screens

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



← → ↺

github.com/peeringdb

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peeringdb

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🏠 Overview

📁 Repositories 13

📁 Projects

📁 Packages

👤 People 5



PeeringDB

The Interconnection Database

👤 76 followers 🔗 http://www.peeringdb.com 📧 support@peeringdb.com

Follow

Pinned

📁 peeringdb Public

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

Python 396 116

📁 peeringdb-py Public

PeeringDB python client


Python 92 23

📁 django-peeringdb Public

Django PeeringDB models

Python 21 15

People








Top languages

Python HTML Shell JavaScript

Report abuse

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
- Admins: support@peeringdb.com
- Presentation requests: 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

PeeringDB in Greece

CC	IXP/OP	ASN	LASN	Colo/OP	ASN	LASN	TASN	TLASN	PDB	RIR	Routed
2023	5/4	77	42	10/7	73	41	102	50	60	228	//
2024	6/5	98	53	10/7	86	47	124	58	79	241	213
2025	8/7	112	66	10/7	101	57	141	73	96	256	226

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

Greece and its bordering countries from PeeringDB POV

CC	IXP/OP	ASN	LASN	Colo/OP	ASN	LASN	TASN	TLASN	PDB	RIR	Rtd	%
2024 - 2025												
AL	1/1	19	12	6/6	12	8	23	15	42	128	114	32.8%
AL	1/1	21	14	6/6	14	11	27	20	50	129	120	38.8%
BG	7/7	205	87	29/14	201	71	302	104	149	732	659	20.4%
BG	7/7	242	93	30/15	217	76	334	110	157	738	670	21.3%
GR	6/5	98	53	10/7	86	47	124	58	79	241	213	32.8%
GR	8/7	112	66	10/7	101	57	141	73	96	256	226	37.5%
MK	1/1	13	6	5/3	4	3	13	6	14	66	58	21.2%
MK	1/1	16	9	5/3	6	4	17	9	17	68	60	25.0%
TR	4/4	91	44	48/37	170	105	202	113	237	1032	809	23.0%

LASN: Local ASN, ie. ASN in CC TASN: Total ASN (IXP + Colo) TLASN: Total Local ASN

Thank you to our sponsors!



Microsoft



Meta



CORESITE
An American Tower Company



H5 DATA CENTERS



NEWBY VENTURES



zenlayer



PeeringDB

2025-12-12

GRNOG19 - Athens (Greece)

Livio Morina

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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>