

## **PEERINGDB ANNUAL MEMBER MEETING**

Thursday, 8 April 2021 1600h UTC

Teleconference

(audio recording: [https://docs.peeringdb.com/gov/legaldocs/2021-04-08\\_PeeringDB\\_Member\\_Meeting\\_Audio.mp3](https://docs.peeringdb.com/gov/legaldocs/2021-04-08_PeeringDB_Member_Meeting_Audio.mp3))

### **MINUTES**

**Approved by Membership, April 12<sup>th</sup>, 2022**

#### Attendees:

(AC = Admin Committee, Ops = Operations Committee, OC = Outreach Committee, PC = Product Committee)

Niels Bakker: Akamai  
Yan Berthier: CIRA, YXEIX, PeeringDB PC  
Darrell Budic: OHG Networks, SBA Edge  
Chris Caputo: Altopia, SeattleIX, PeeringDB Secretary/Treasurer/Ops  
Darwin Da Costa: DE-CIX, PeeringDB AC Vice Chair  
Stefan Funke: Leiter IT, PeeringDB AC  
Patrick W. Gilmore: Deep Edge Technologies, PeeringDB Director  
James Greig: Nuco Technologies  
Greg Hankins: Nokia, PeeringDB OC/PC  
Will Hargrave: LONAP  
Peter Helmenstine: Digital Realty, PeeringDB AC  
Tom Hodgson: Lumen Technologies  
Aaron Hughes: 6connect, Open-IX, UnitedLayer, PeeringDB President/Chair/Director/OC/PC  
Julimar Lunguinho Mendes: NIC.br, PeeringDB AC  
Chris McDonald: Cloudflare  
Fearghas McKay: FLEXOPTIX  
Steve McManus: Facebook, PeeringDB PC Chair  
Steve Meuse: Kentik Technologies  
Sam Muchiri: Team Cymru  
Erik Muller: Myriad360  
Arnold Nipper: DE-CIX, Open-IX, PeeringDB AC Chair/OC/PC  
Jeff Ringwelski: Facebook  
Yolandi Robinson: Teraco Data Environments, PeeringDB PC  
Ben Ryall: Facebook, PeeringDB OC Chair  
Bijal Sanghani: Euro-IX, PeeringDB Director/OC Vice Chair  
Job Snijders: Fastly, PeeringDB Vice President/Director/AC/Ops Chair/PC  
Inga Turner: LINX, PeeringDB OC  
Arınç ÜNAL: Körfezköy Sitesi Yöneticiliği  
Leo Vegoda: And Polus, Euro-IX, UKNOF, PeeringDB Product Manager

#### Note Taker:

Chris Caputo, Secretary/Treasurer

1. The Chair called the meeting to order at 1602h UTC.
2. Welcome & Thanks - Aaron Hughes

Aaron welcomed and thanked everyone for attending and for their interest in the governance of the organization. Aaron also thanked volunteers for their hard work and dedication to PeeringDB, and thanked sponsors for their continued financial support.

The organization strives to be as transparent as possible, and documents its mission, strategy, operational objectives, financial information, committee information, organizational information, and meeting minutes all at: <https://gov.peeringdb.com/>

### 3. Approval of Meeting Minutes

It was moved by Patrick Gilmore, and seconded by Job Snijders that the minutes of the April 17<sup>th</sup>, 2020 Annual Member Meeting be adopted as written. The motion carried with no objections.

### 4. Financial Update - Chris Caputo

Chris Caputo, as Secretary/Treasurer, provided an update:

We are on track for about \$210,000 in sponsorships this year.

Bank accounts are reconciled monthly and the annual tax-exempt return will be filed in May, as is normal, and previous filings are at <https://gov.peeringdb.com/> along with financial reports.

In 2020, sponsors contributed about \$197,000, up from about \$185,000 in 2019.

In 2020 we spent almost \$93,000 on Software Development and Maintenance, which was up from about \$62,000 in 2019.

Product Management was \$38,000 in 2020.

Cloud services for the hosting and database was about \$19,000 in 2020. My services as your Secretary/Treasurer and election facilitator for the Board election in April came to almost \$21,000 in 2020.

We currently have about \$185,000 in the bank.

Profit & Loss and Balance Sheet reports for 2020 have been posted to <https://gov.peeringdb.com/> and shared with the pdb-gov governance mailing list:

[https://docs.peeringdb.com/gov/finances/2020-12-31\\_PeeringDB\\_Finances.pdf](https://docs.peeringdb.com/gov/finances/2020-12-31_PeeringDB_Finances.pdf)

More sponsors are always welcome:

[https://docs.peeringdb.com/misc/PeeringDB\\_Sponsorship\\_Levels.pdf](https://docs.peeringdb.com/misc/PeeringDB_Sponsorship_Levels.pdf)

## 5. Admin Committee Update - Arnold Nipper

Arnold Nipper, as chair of the Admin Committee, provided an update, copied here from Arnold's written report:

“The Admin Committee is one of four and the oldest PeeringDB committees and responsible for day-to-day end-user support. It is also the first point of contact for any inquiries to PeeringDB. The committee takes care of the consistency of the database, content-wise. In other words, the Admin Committee is PeeringDB’s support department.

The committee currently consists of eight active members based around the world and one Board Liaison. From April of 2020 to March of 2021, there were no outgoing and no new members. In 2020 the committee also reworked its charter and helped to generate consistent charter elements for all committees. The most significant change was adding a dispute resolution procedure and defining the Chair and Vice Chair’s roles. The committee is lead by Arnold Nipper and Darwin da Costa.

The committee processed about 12,700 tickets in the last year, which is between 920 and 1,330 tickets per month. The resolution time varied between 2.7 hours and 5.8 hours in recent months.

Besides the day-to-day work of approving new requests and answering questions, the committee helped implement the Data Ownership Task Force (DOTF) recommendations. Fully implementing the advice is still a work in progress as, e.g. procedures for removing stale IX connections are missing.

As PeeringDB becomes more critical for global interconnections, there have to be sound, and community accepted definitions and procedures the committee can base its work on. Here, input from the other committees as well as from the community at large is needed. While it’s easy to define what a network (aka ASN) is, it is hard to do the same for a facility or an IXP.

From April of 2020 to March of 2021, we did not see any major issues with the submission and ticket system.

Admin Committee is committed to keeping the service level and will further work on improving the DB quality.

I want to express my appreciation to the Admin Committee volunteers (Shaun Coffey, Darwin da Costa, Stefan Funke, Alexandre Guimaraes, Chriztoffer Hansen, Peter Helmenstine, and Julimar Lunguinho Mendes) for all of their hard work.”

## 6. Operations Committee Update - Job Snijders

Job Snijders, as chair of the Operations Committee, provided an update:

The Operations Committee is responsible for hosting and availability of the PeeringDB services. As indicated last year, reliability and stability of the platform has been a focus during the pandemic. The committee has succeeded at this goal.

There has been three key areas of progress this past year.:

The front end application now runs in a container structure, allowing deployment to be done in a more modern fashion than previously done, and this also helps with local software development.

<https://beta.peeringdb.com/> is now behind a global Content Delivery Network (CDN). Testing is encouraged, so please report any unusual behavior.

DNSSEC has been enabled for peeringdb.org. If no issues, DNSSEC will be enabled for peeringdb.net and peeringdb.com.

Job thanked Chris Caputo and Matt Griswold for their volunteering in the past year.

## 7. Outreach Committee Update - Ben Ryall

Ben Ryall, as chair of the Outreach Committee, provided an update:

The committee is charged with the marketing efforts and running the organization's external engagement.

Ben recently became chair of the committee. Ben thanked Greg Hankins for his past service as chair. Ben also welcomed Inga Turner and Yana Glaub as new committee members.

During the pandemic, obviously in person engagements have been restricted, but online outreach has continued. A video was published in September: <https://youtu.be/QA2PvYbvDhg>

An infographic highlighting growth was published in January. The 5<sup>th</sup> birthday of PeeringDB 2.x was recognized on March 15th. In partnership with other committees, HOWTO and blog postings have been made.

In May there will be a virtual event with two sections: 1) Answers to common questions for the Admin Committee. 2) A workshop regarding use of PeeringDB.

Additional HOWTO and blog postings and videos are envisioned, along with planning for future in person engagements as they hopefully resume later this year.

Ben thanked members of the committee for the continued support: Arnold Nipper, Bijal Sanghani, Greg Hankins, Inga Turner, Rebecca Stanić, and Yana Glaub.

## 8. Product Committee Update - Steve McManus

Steve McManus, as chair of the Product Committee, provided an update:

The committee is responsible for improvements to the core product of PeeringDB, whether it be a bug fix or typo fix or small enhancement or major feature. The committee coordinates with the people who actually do the coding.

The goals set for 2020 included development of a longer term product roadmap, broadening the base of contributors to the code base, and tackling the growing backlog of issues.

For the product roadmap, a survey was sent to the community regarding what is going well and what needs improvement. The committee also examined their own strengths and weaknesses, along with consideration of possible opportunities for PeeringDB. The feedback was integrated into a roadmap published at:

[https://docs.peeringdb.com/blog/peeringdb\\_2020\\_survey\\_2021\\_roadmap/](https://docs.peeringdb.com/blog/peeringdb_2020_survey_2021_roadmap/)

In terms of broadening the base of contributors, containerization of the software has eased local development. The committee also published a set of instructions for making contributions to the code base. Further effort is needed to make the community aware of these developments.:

<https://github.com/peeringdb/peeringdb/blob/master/docs/container.md>

In terms of the issues backlog, the velocity of new PeeringDB code base deployments was significantly faster in the last 12 months than the preceding 12 months. The committee resolved about 101 issues in the last 12 months as compared to about 61 issues in the preceding 12 months. Not only was there a significant increase in issues resolved, but more challenging issues were handled, notably those related to the Data Ownership Task Force and the IX-F Member Export JSON Importer.

The committee has laid the groundwork to make significant improvements to geographic search in the coming year. This included a restructuring of the database so that all locations are stored as coordinates. This will let PeeringDB improve the quality of name based searches and implement new types of searches.

The committee deployed and documented organization level API Keys, to help users tie tools to role accounts instead of relying on user accounts to automate interaction with PeeringDB. This allows organizational tooling to work without interruption as people change roles within an organization, or move to a different organization.

User documentation will be a focus in the coming year.

The UX (user experience) will be professionally reviewed in the coming year.

The committee is actively scoping out the possibility of introducing records to describe the carriers who provide inter-facility links. The committee has developed a straw-man description to consult on and is planning to find interested users who will help define the description in a focus group, so we can introduce improvements that will help our users make better informed interconnection decisions.

Steve thanked alumni volunteers Shane Kerr and Greg Villain, along with Product Manager Filiz Yilmaz. The current committee members are Yan Berthier, Kayla Clifford, Matt Griswold (Vice Chair), Arnold Nipper, Yolandi Robinson, and Steve McManus.

Product Manager Leo Vegoda was onboarded in the last year. He has been very instrumental on both the committee as well as helping with coordination with the other committees.

## 9. Items brought up by the members / Technical and Policy Q&A

None.

## 10. Board Election - Aaron Hughes

A call for candidates for the upcoming Board election was made:

[https://docs.peeringdb.com/gov/misc/2021-04-14\\_election.html](https://docs.peeringdb.com/gov/misc/2021-04-14_election.html)

Since he is not running for re-election, Aaron expressed appreciation to Fredrik Korsbäck for his service on the Board.

## 11. Adjournment

The Chair adjourned the meeting at 1627h UTC.