



PeeringDB Update

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SwiNOG #34, 30. october 2018, Berne

With slides motivated by Masataka Mawatari / JPIX

Agenda

1. Organization Update
2. Feature Planning Process and Roadmap Update

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 to 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
 - 332 addresses subscribed to the Governance mailing list (as of May 3, 2018)
 - Governance list is at <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-gov>
 - More information available at <http://gov.peeringdb.com/>

Committees

Admin Committee

- Manage administration of user accounts and PeeringDB records
- Answer support tickets

Leads: Arnold Nipper (Chair)

Contact:
admincom@lists.peeringdb.com

Operations Committee

- Manage PeeringDB infrastructure

Leads: Job Snijders (Chair) and Aaron Hughes (Vice Chair)

Contact:
pdb-ops@lists.peeringdb.com

Outreach Committee

- Manage marketing and social media
- Develop and maintain presentations, workshops and webinars
- Coordinate presentations and attendance at events

Leads: Greg Hankins (Chair) and Bijal Sanghani (Vice Chair)

Contact:
outreachcom@lists.peeringdb.com

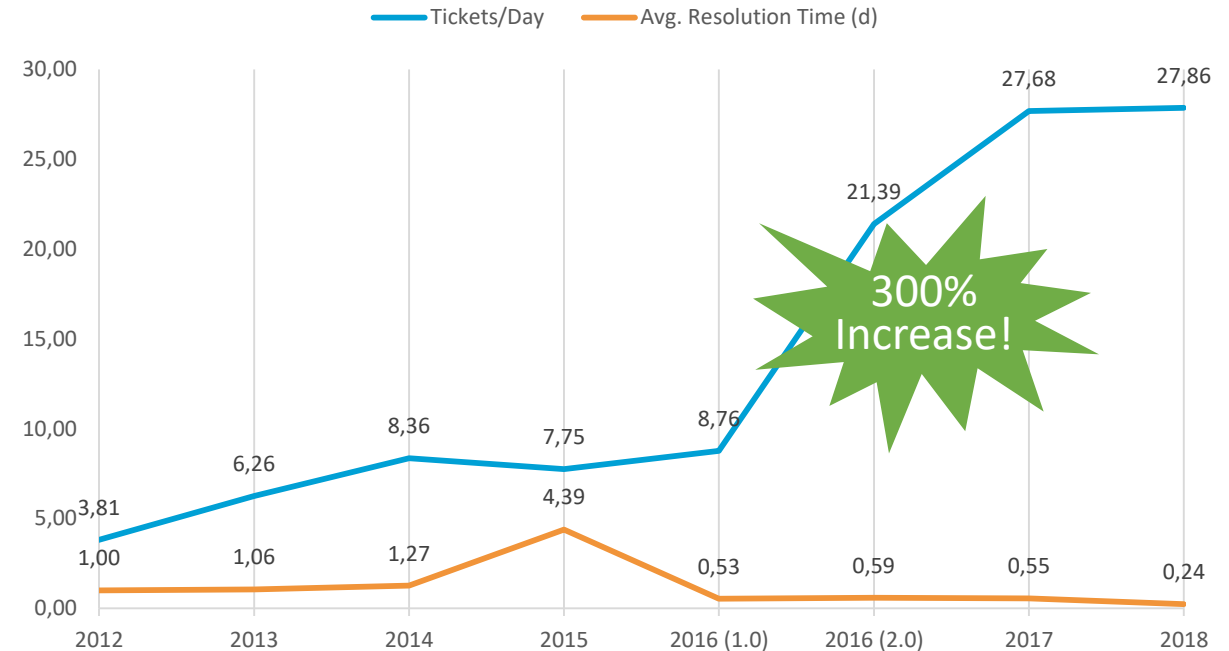
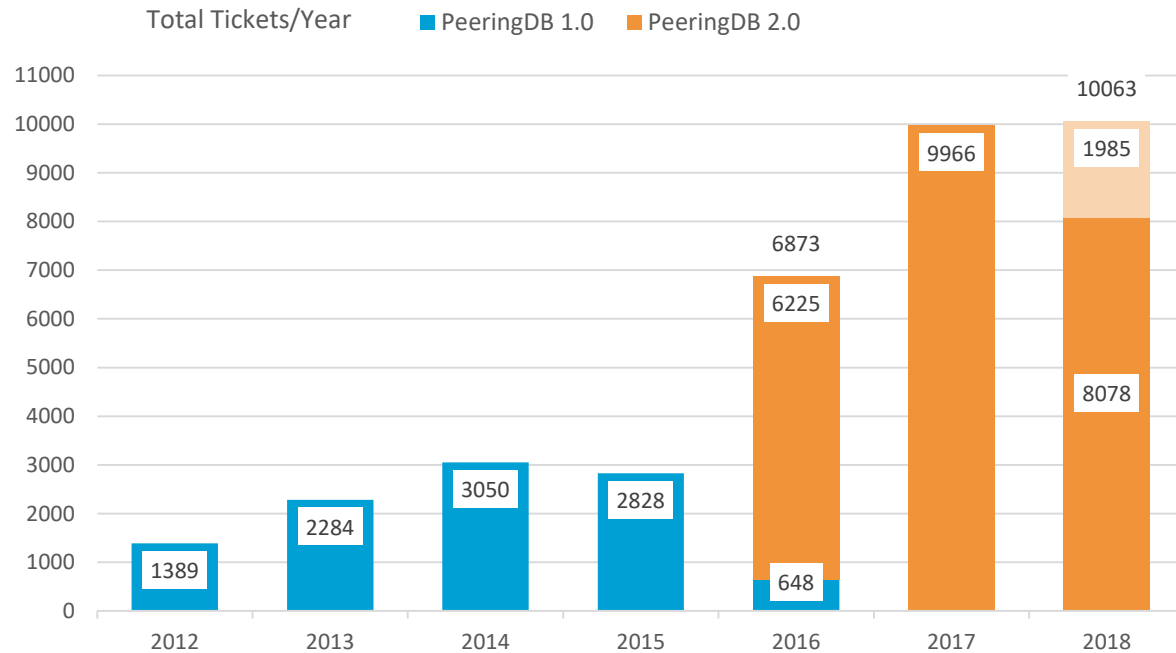
Product Committee

- Manage roadmap and development priorities
- Ask for input from the community on desired features
- Write SoWs to solicit bids to complete requested features

Leads: Eric Loos (Chair) and Matt Griswold (Vice Chair)

Contact:
productcom@lists.peeringdb.com

Support Ticket Statistics



- Admin Committee volunteers are based around the world in a variety of time zones with diverse language skills
- Goal is to resolve support tickets within 24 hours

Become a PeeringDB Sponsor!

- Diamond Sponsorship - \$25,000 / year



- Limited to 2 sponsors
- 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

- Contact sponsorship@peeringdb.com for sponsorship info

Microsoft Diamond Sponsor

Organization	Microsoft
Also Known As	8068
Company Website	http://www.microsoft.com
Primary ASN	8075
IRR Record	AS-MICROSOFT

DE-CIX Frankfurt Platinum Sponsor

Organization	DE-CIX Management GmbH
Long Name	Deutscher Commercial Internet Exchange
City	Frankfurt
Country	DE
Continental Region	Europe



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Thank you to our sponsors!

Diamond Sponsor



Platinum Sponsors



Gold Sponsors



Silver Sponsors



Agenda

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Feature Workflow

- All features tracked using GitHub at <https://github.com/peeringdb/peeringdb/issues> with the ZenHub overlay
 - Anyone can open a feature requests, there are no internal or hidden requests
 - Open and transparent process for feature development
 - Workflow is at <http://docs.peeringdb.com/workflow/>
- Product Committee feature process
 - Evaluate and prioritize the requests
 - Request a quote for development costs
 - Request budget from the board
 - Manage implementation and scheduling

Example Categories

AC (Support Workflow)

Bug

Enhancement

Usability

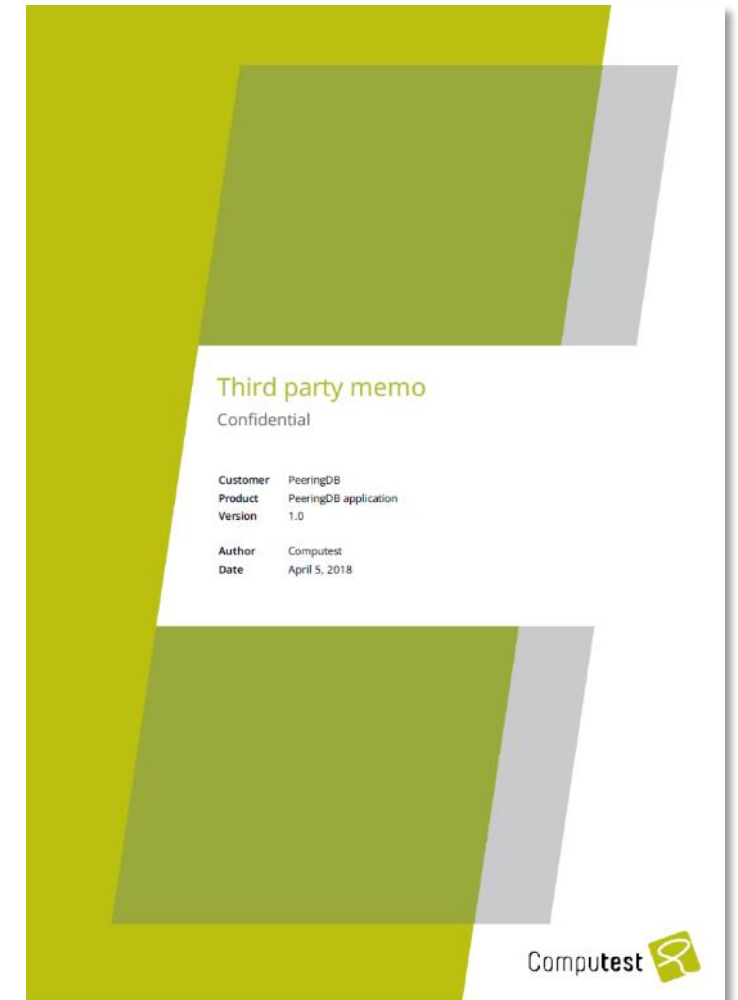
Your input is needed on features!

2018 Roadmap and Releases

- We will have major releases with larger features in 2018
- Roadmap focus areas
 - Data quality, privacy, confidentiality
 - Usability and API
 - Platform stability and reliability
 - Product evolution
- Communication focus areas
 - Partner management
 - Communication outreach
 - Membership engagement
- [Release 2.7.1 on 2018-01-17](#)
 - New hosting infrastructure
 - OAuth authentication via PeeringDB
- [Release 2.8.4 on 2018-05-08](#)
 - Security update to address issues found during security audit
- [Release 2.9.1 on 2018-05-30](#)
 - Internationalization features
 - First language: Portuguese
 - Several more translations in progress
- [Release 2.10.2 on 2018-08-15](#)
 - Suggest Facilities
 - Several small features and bug fixes

Source Code Security Audit

- PeeringDB is working towards releasing the source code under an open source license
 - Allows the community to contribute to PeeringDB
 - Helps to understand PeeringDB's inner workings
 - Eases onboarding for new vendors
- The PeeringDB board commissioned a comprehensive security audit of the source code
 - Audit was deemed important to ensure that open sourcing PeeringDB would not expose security risks
 - PeeringDB hired Computest (<https://www.computest.nl/en/>) to perform the audit
 - Security patches were deployed in release 2.8.4 on 2018-05-08
- The auditor concluded there are no more major issues
 - Audit report: http://docs.peeringdb.com/gov/misc/2018-05-16_Computest_Source_Code_Audit_TPM.pdf
- Open Source Release on 2018-11-10 under BSD-2-Clause
 - <https://opensource.org/licenses/BSD-2-Clause>



PeeringDB is an useful database but ... case in Japan

- Japanese network operators love Japanese language.. (language barrier)
 - Every Japanese IXPs provide procedure in Japanese how to register on PeeringDB to new IX members.
 - Once Japanese network operators have registered, they use PeeringDB without problem.
 - Is this particular to Japan...?
- Japanese IXPs want to make it easier to register for Japanese network operators.
 - Japanese IXPs have to prepare common procedure in Japanese? But is it reasonable...?

Great approach. Fully agreed

The screenshot shows a web browser window displaying a GitHub issue page. The browser's address bar shows the URL <https://github.com/peeringdb/peeringdb/issues/184>. The GitHub navigation bar at the top includes links for Pull requests, Issues, Marketplace, and Explore. The repository name 'peeringdb / peeringdb' is visible, along with statistics for Watch (17), Star (33), and Fork (22). The issue title is 'Internationalization (il8n) in peeringdb #184', and it is marked as 'Closed'. The issue was opened by 'mcmanuss8' on 8 Jul 2017 and has 25 comments. A comment from 'mcmanuss8' dated 8 Jul 2017 is shown, discussing the need for internationalization and listing four steps: 0. Decide on the languages we want to support initially, 1. Add il8n support for each field, box/widget and dropdown value, 2. Translate the above to each defined language, 3. Add a language preference for each user under profile. Default everyone to null, and 4. Allow guests to switch languages on the fly, default to the user's preferred language if not null. The comment also mentions challenges for free form fields like 'Notes' and the possibility of autotranslation. On the right side of the issue, there are sections for Assignees (eloos), Labels (PC Candidate, Quote, outreach), Projects (None yet), and Milestone (2.9.1).

How do we internationalize PeeringDB?


1. Open new issue “Please generate locale files” on issue page in GitHub.
 - <https://github.com/peeringdb/peeringdb/issues>
2. Edit locale files (.po files) in your language.
 - e.g.) translating to Japanese (ja_JP)
 - https://github.com/mwtr/peeringdb/tree/master/locale/ja_JP/LC_MESSAGES
3. Once you have completed editing the files, do pull request in GitHub.
 - <https://github.com/peeringdb/peeringdb>
4. PeeringDB team uploads the files on the beta website <https://beta.peeringdb.com/> before the official website.
 - You can check your translation on the beta website.

Currently working on some languages by contributors in every economy

- Czech (cs_CZ)
- Danish (da_DK)
- **German (de_DE)**
- Greek (el_GR)
- English (en_US)
- Spanish (es)
- **French (fr_FR)**
- Indonesian (id_ID)
- **Italian (it)**
- Japanese (ja_JP)
- Portuguese (pt_PT)
- Romanian (ro_RO)
- Russian (ru_RU)
- Telugu (te_IN)
- Thai (th_TH)
- Simple Chinese (zh_CN)
- Traditional Chinese (zh_TW)
- **Romansh (rm)???**

If you are interested in this activity, please see <https://docs.peeringdb.com/translation/>.

PeeringDB in German (on beta website)

**Beta**
PeeringDB

Suchen Sie hier nach einem Netzwerk, IX oder einer Liegenschaft.

Registrieren oder Anmelden

Erweiterte Suche

SwissIX

Unternehmen	SwissIX Internet Exchange
Vollständiger Name	SwissIX Internet Exchange
Stadt	Zurich
Land	CH
Kontinentale Region	Europa
Medientyp	Ethernet
Unterstützte Protokolle	<input checked="" type="checkbox"/> Unicast IPv4 <input type="checkbox"/> Multicast <input checked="" type="checkbox"/> IPv6
Notizen	

Kontaktinformationen

Unternehmenswebseite	https://www.swissix.ch/
Trafficstatistik-Webseite	https://www.swissix.net/infrastructure/traffic
E-Mail (technisch)	noc@swissix.ch
Telefon (technisch)	
E-Mail (Peeringrichtlinien)	info@swissix.ch
Telefon (Peeringrichtlini...	

LAN

MTU	9000
DOT1Q	<input checked="" type="checkbox"/>
IPv4	91.206.52.0/23
IPv6	2001:7f8:24::/64

Local Facilities

Filter

Gebäude ▼	Land	Stadt
ColoB	Schweiz	Pratteln
colobern.ch Bern	Schweiz	Bern
colozueri.ch Zurich	Schweiz	Zurich
e-shelter Zurich (ZRH1)	Schweiz	Rümlang

Peers at this Exchange Point

Filter

Peer Name ▼	IPv4	Geschwindigkeit
ASN	IPv6	Peeringrichtlinien
Abacus Research AG Peering	91.206.52.120	1G
42760	2001:7f8:24::78	Open
Adfinis SyGroup AG Peering	91.206.52.156	100M
15716	2001:7f8:24::9c	Open
Afilias Peering	91.206.52.61	1G
12041	2001:7f8:24::3d	Open
Akamai Technologies Peering	91.206.52.56	60G
20940	2001:7f8:24::38	Open
AlpineDC Peering	91.206.52.109	1G
198385	2001:7f8:24::6d	Open
Amazon.com Peering	91.206.52.107	40G
16509	2001:7f8:24::6b	Open
Andreas Grawehr Peering	91.206.52.51	1G
12553	2001:7f8:24::33	Open
Anexia Peering	91.206.52.5	1G
42473	2001:7f8:24::5	Selective
Antares Kommunikationstechnik AG (antanet.ch) Peering	91.206.52.54	1G
	2001:7f8:24::36	Open
34554		
Arcade Solutions AG Peering	91.206.52.197	10G
51873	2001:7f8:24::c5	Open
AT&T EMEA - AS2686 Peering	91.206.52.202	10G
2686	2001:7f8:24::ca	Selective
Atrila Peering	91.206.52.166	1G
44919	2001:7f8:24::a6	Open
Atrila Peering	91.206.52.62	1G
44919	2001:7f8:24::3e	Open
aurax.connecta.ag Peering	91.206.52.27	1G
31662	2001:7f8:24::1b	Open

PeeringDB

2018-10-30





SwiNOG #34, 2018-10-30, Berne

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Conclusion

- PeeringDB internationalization project globally helps network engineers in their work.
- PeeringDB internationalization project is underway by GitHub now. Any volunteers?
- More distributing technical information between economies in Asia Pacific region! No more language barrier 😊

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:
productcom@lists.peeringdb.com
- Uptime status:
<http://status.peeringdb.com/>
- Bugs and feature requests:
 <https://github.com/peeringdb/peeringdb/>
- Social media:
 -  [@PeeringDB](https://twitter.com/PeeringDB)
 -  <https://www.facebook.com/peeringdb/>
 -  [https://www.linkedin.com/company/peeri
ngdb](https://www.linkedin.com/company/peeringdb)



Questions?