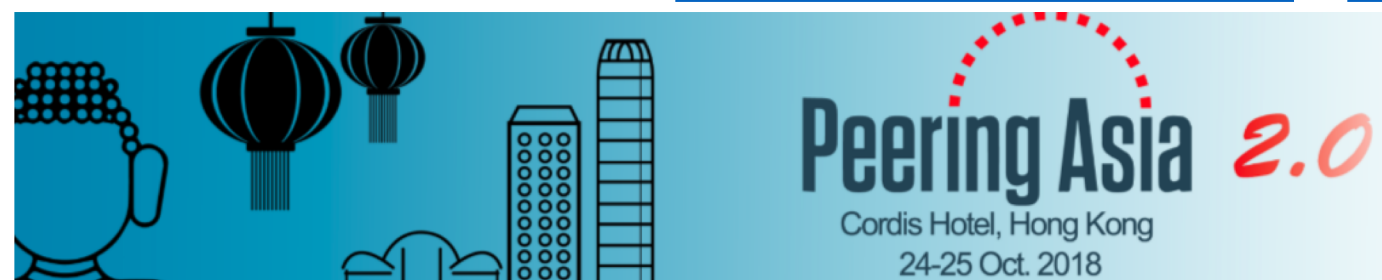




PeeringDB Update

Arnold Nipper / Masataka Mawatari

arnold@peeringdb.com / mawatari@jpix.ad.jp



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

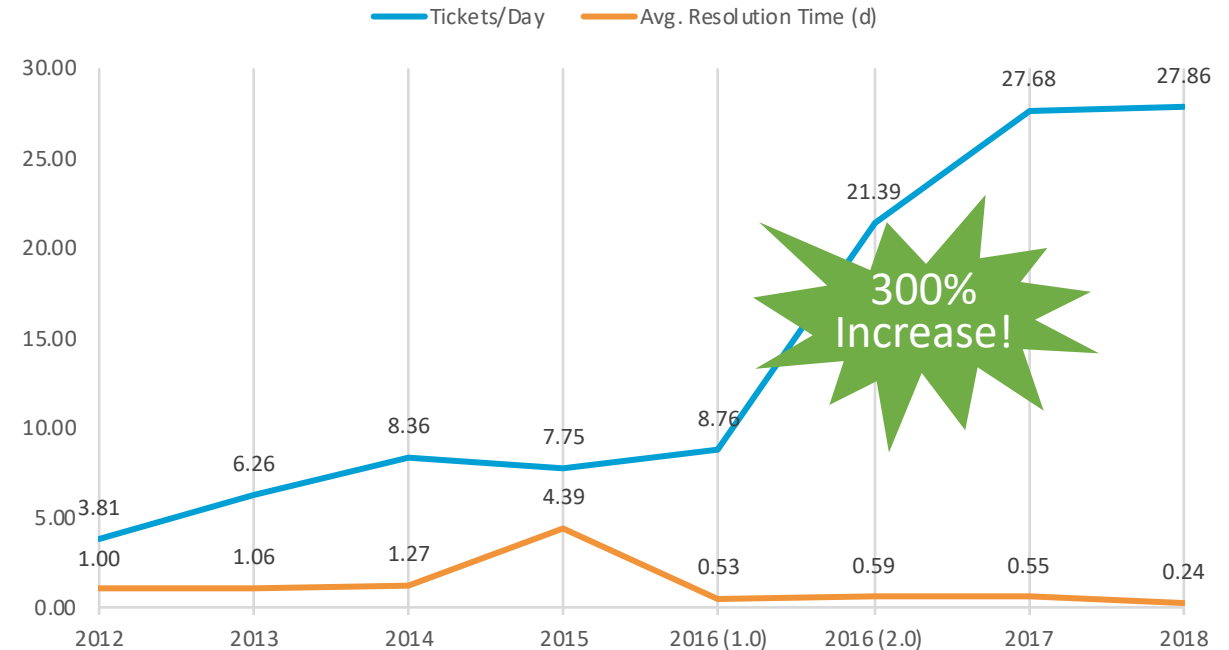
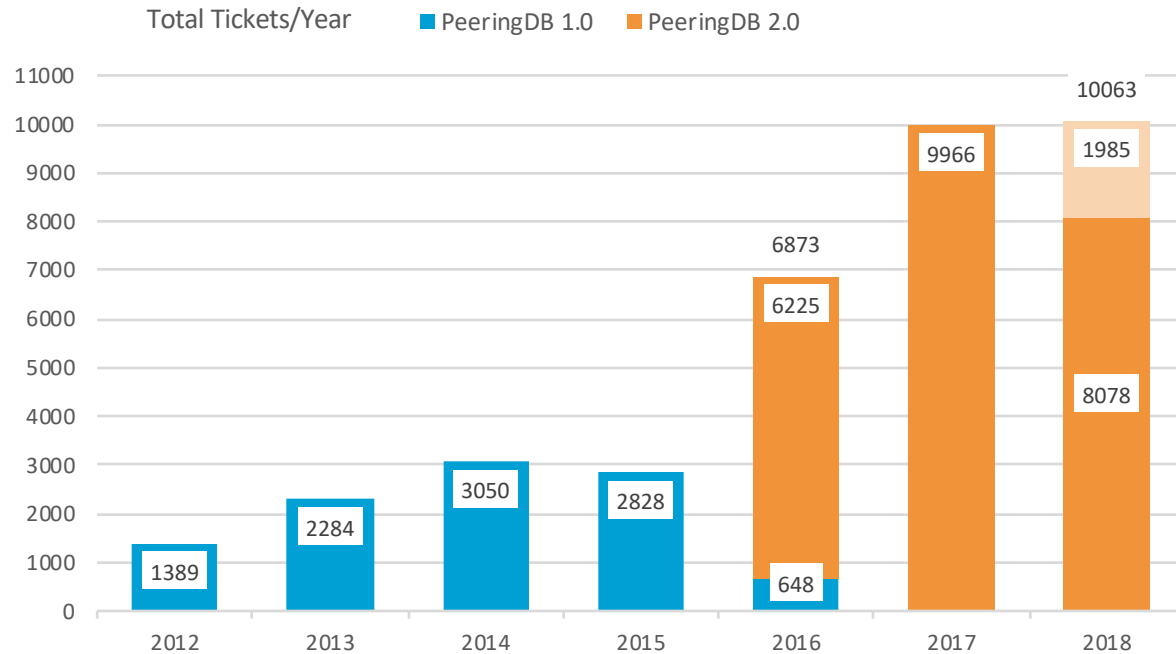
Product Committee

- 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



Proud Sponsor of
PeeringDB
GOLD

Thank you to our sponsors!

Diamond Sponsor



Platinum Sponsors



Gold Sponsors



Silver Sponsors



Agenda

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

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.comptest.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_Comptest_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 suggests 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).

<https://github.com/peeringdb/peeringdb/issues/184>

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)**

Economies in Asia Pacific region are highlighted in green

Increasing economies in Asia Pacific region.

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

PeeringDB in Japanese (on beta website)

PeeringDB Beta

ここで、ネットワーク、IX、データセンタの検索が出来ます

詳細な検索

JPIX TOKYO

編集

組織	Japan Internet Exchange Co., Ltd.
長い名前(Long Name)	Japan Internet Exchange Tokyo
市	Tokyo
国名	JP
地域	アジア太平洋
通信プロトコル	イーサネット
サポートされているプロ...	<input checked="" type="radio"/> ユニキャスト IPv4 <input type="radio"/> マルチキャスト <input checked="" type="radio"/> IPv6
注意(Notes)	

連絡先情報

企業の Web サイト	https://www.jpix.ad.jp/en/
トラフィック統計 Web サ...	https://www.jpix.ad.jp/en/technical_traffic.php
技術者のメールアドレス(...)	support@jpix.ad.jp
技術者の電話番号(Techni...	
ポリシー担当者のメール...	sales@jpix.ad.jp
ポリシー担当者の電話番...	

LANs

名前	DOT1Q	MTU
----	-------	-----

Peers at this Exchange Point

Filter

ピア名▼	IPv4	IPv6	スピード
AS 番号			ポリシー
A-DNS-JP	210.171.224.153		1G
23774	2001:de8:8::2:3774:1		Open
Academia Sinica Network(ASNet)	210.171.224.66		2G
9264	2001:de8:8::9264:1		Open
Accelia, Inc.	210.171.224.223		10G
17686	2001:de8:8::1:7686:1		Selective
Afiliias	210.171.224.41		1G
12041	2001:de8:8::1:2041:1		Open
Akamai Prolexic DDoS Mitigation	210.171.224.197		Selective
32787	2001:de8:8::3:2787:1		
Akamai Technologies	210.171.224.189		40G
20940	2001:de8:8::2:940:1		Open
Akamai Technologies	210.171.224.201		40G
20940	2001:de8:8::2:940:2		Open
Amazon.com	210.171.224.212		100G
16509	2001:de8:8::1:6509:4		Open
Amazon.com	210.171.224.236		80G
16509	2001:de8:8::1:6509:2		Open
Amazon.com	210.171.224.127		80G
16509	2001:de8:8::1:6509:1		Open
Amazon.com	210.171.224.211		100G
16509	2001:de8:8::1:6509:3		Open
AOFEI DATA INTERNATIONAL	210.171.224.179		10G
135391	None		Open
APNIC	210.171.224.7		1G
4777	2001:de8:8::4777:2		Selective
APNIC	210.171.224.6		1G





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 😊

Japanese translation members

- Akira Nakagawa
- Chise Kawamura
- Hideyuki Sasaki
- Junpei Yoshino
- Kaoru Kitauchi
- Katsushi Yamaguchi
- Katsuyasu Toyama
- Masataka Mawatari
- Norisuke Hirai
- Ryohey Matsumoto
- Satoshi Okawa
- Shintaro Kojima
- Taiji Tsuchiya
- Tomocha
- Yudai Yamagishi
- Yuki Ikuno
- Yutaka Kumamoto
- Yutaro Fujii

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/peeringdb>



Questions?