



PeeringDB

PeeringDB Update

Arnold Nipper

arnold@peeringdb.com



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What is PeeringDB?

- Why should my facility, IXP or network be listed in PeeringDB?
 - Helps establish new peering more efficiently, with all information easy to find in one place
 - Maintain all of your contact and connection info
 - Find other network's peering contact and connection info
 - Find interconnection facility and IXP info
 - A PeeringDB record is required by many networks to peer
 - Can be used for automation to generate router configurations
 - Initial configuration to setup peering quickly
 - Update configuration if maximum prefixes change

APIX Region from PeeringDB's Point of View

Country	IX	Facilities	Networks at IXes	Networks in Facilities	Networks total	Networks in PeeringDB	Networks in RIR
AU	25	100	414	376	512	461	2545
IN	23	104	458	363	535	672	2551
JP	15	43	398	256	471	289	1119
ID	13	35	132	66	152	223	1654
CN	13	18	44	7	49	106	1663
NZ	8	36	119	112	148	142	626
HK	7	38	343	334	455	167	933
TH	7	18	50	47	71	69	566
SG	5	34	355	349	460	104	534
PH	5	4	31	20	43	58	436
TW	4	13	71	75	98	59	359
KR	3	8	63	33	72	60	1031
GU	3	4	5	7	8	6	10
VN	3	4	3	2	5	22	367
MY	3	22	102	85	123	88	266

APIX Region from PeeringDB's Point of View

Country	IX	Facilities	Networks at IXes	Networks in Facilities	Networks total	Networks in PeeringDB	Networks in RIR
KH	3	2	18	1	18	35	121
BD	2	10	21	8	25	176	864
NP	2	4	20	3	21	34	105
MN	2	0	6	0	6	20	50
MM	1	3	13	1	14	28	86
BT	1	3	8	1	8	13	19
PG	1	1	9	0	9	9	23
VU	1	1	3	1	4	3	13
AF	1	0	15	0	15	19	56
PK	0	2	0	3	3	40	182
MP	0	2	0	2	2	0	1
MO	0	1	0	0	0	4	12
BN	0	1	0	0	0	3	15
LK	0	0	0	0	0	7	25
NC	0	0	0	0	0	6	14
MV	0	0	0	0	0	6	13
FJ	0	0	0	0	0	5	14
LA	0	0	0	0	0	3	31

APIX Region from PeeringDB's Point of View

Country	IX	Facilities	Networks at IXes	Networks in Facilities	Networks total	Networks in PeeringDB	Networks in RIR
TL	0	0	0	0	0	3	8
TO	0	0	0	0	0	2	4
SB	0	0	0	0	0	1	8
WS	0	0	0	0	0	1	8
NR	0	0	0	0	0	1	3
FM	0	0	0	0	0	0	4
AS	0	0	0	0	0	0	3
KI	0	0	0	0	0	0	3
PW	0	0	0	0	0	0	3
CK	0	0	0	0	0	0	1
KP	0	0	0	0	0	0	1
MH	0	0	0	0	0	0	1
NU	0	0	0	0	0	0	1
TV	0	0	0	0	0	0	1
PN	0	0	0	0	0	0	0

The GUI // org view

National Internet Exchange of India

Edit

Website	http://nixi.in
Address 1	6C,6D,6E, Hansalaya Building 15
Address 2	Barakhamba Road
Location	New Delhi, Delhi 110001
Country Code	India
Notes	

Facilities

Filter

Name	Country City
NIXI Delhi	India Noida

Networks

Filter

Name	ASN
National Internet Exchange of India	24029

Exchanges

Filter

Name	Country City
NIXI Ahmedabad	India Ahmedabad
NIXI Bangalore	India Bangalore
NIXI Chennai	India Chennai
NIXI Delhi	India Delhi
NIXI Hyderabad	India Hyderabad
NIXI Kolkata	India Kolkata
NIXI Mumbai	India Mumbai

**Facilities are
Shown Here**
NIXI has 1 Facility



**Networks are
Shown Here**
NIXI has 1 Network
Record



Exchanges are Shown Here
NIXI has 7 Exchange Records



RESTful API Designed for Automation

- All operations are supported and are designed to be automated
 - Read
 - Create
 - Update
 - Delete
- Each object type has an associated tag
 - Basic types: org, net, ix, fac, poc
 - Derived types: ixfac, ixlan, ixpfx, netfac, netixlan
- List of objects: <https://peeringdb.com/apidocs/>
- API documentation: http://docs.peeringdb.com/api_specs/

Quick Example Output in JSON

- List all networks: `curl -sG https://peeringdb.com/api/net`
- Specific: https://peeringdb.com/api/net/20?pretty&depth=0&fields=id,org_id,name,asn,created,updated

```
{
  "meta": {},
  "data": [
    {
      "id": 20,
      "org_id": 10356,
      "name": "20C",
      "asn": 63311,
      "created": "2014-11-17T14:59:34Z",
      "updated": "2019-02-23T00:12:20Z"
    }
  ]
}
```


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/>

Committees

Admin Committee

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

Leads: Stefan Funke (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

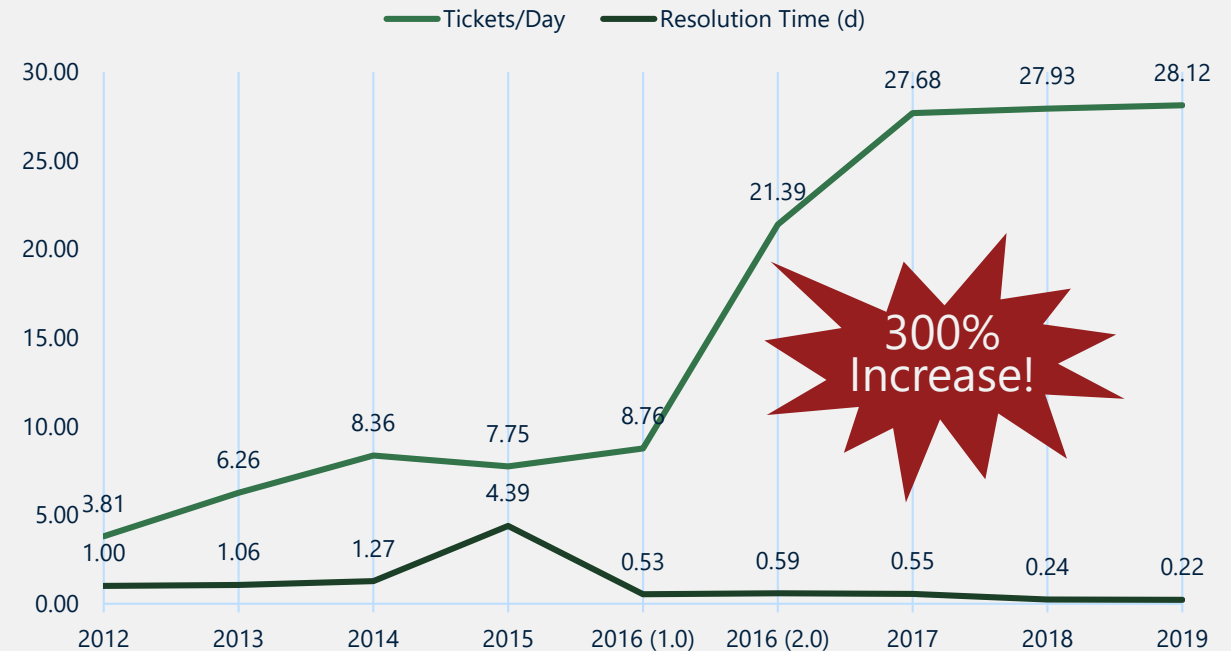
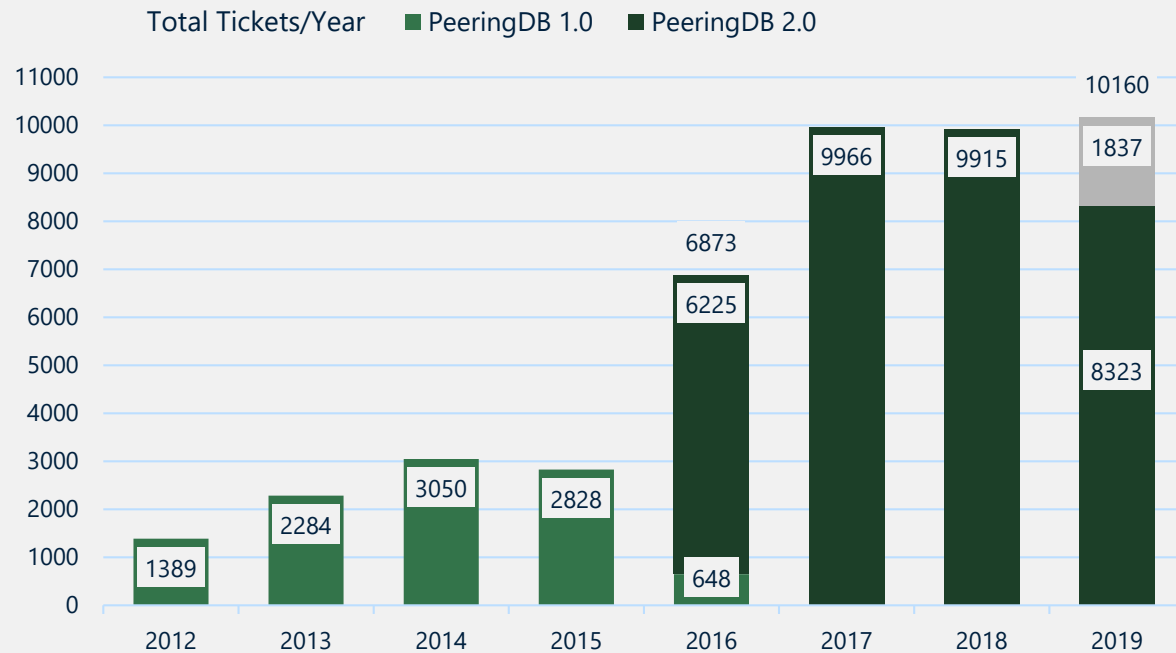
Product Committee

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

Leads: Stephen McManus (Chair) and Matt Griswold (Vice Chair)

Product Manager: Filiz Yilmaz
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



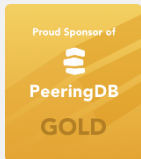
- Limited to 2 sponsors
- Very large logo on top line of Sponsors page with URL
- Diamond Sponsor badge display on all records
- Social media promotion

- 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

Microsoft Diamond Sponsor

Organization	Microsoft Corporation
Also Known As	8068 8069
Company Website	
Primary ASN	8075

DE-CIX Frankfurt Platinum Sponsor

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



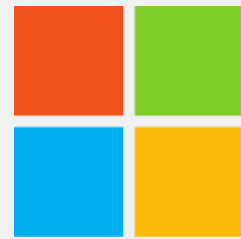
Proud Sponsor of

PeeringDB  Gold

Contact sponsorship@peeringdb.com for sponsorship info!

Thank you to our sponsors!

Diamond
Sponsor



Microsoft

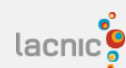
Platinum
Sponsors



Gold
Sponsors



Silver
Sponsors



New Product Manager

- Filiz Yilmaz joined as our Product Manager on 2019-04-01
- Responsibilities
 - Facilitate the creation of an ongoing roadmap for PeeringDB and provide this as input to the Outreach Committee
 - Shepherd the discussions of issues on GitHub and ensure resolution of issues that require decisions
 - Manage implementation and rollout of new features
 - Maintain the PeeringDB software release schedule
 - Keep Product Committee related documents on docs.peeringdb.com up to date
- Contact: filiz@peeringdb.com

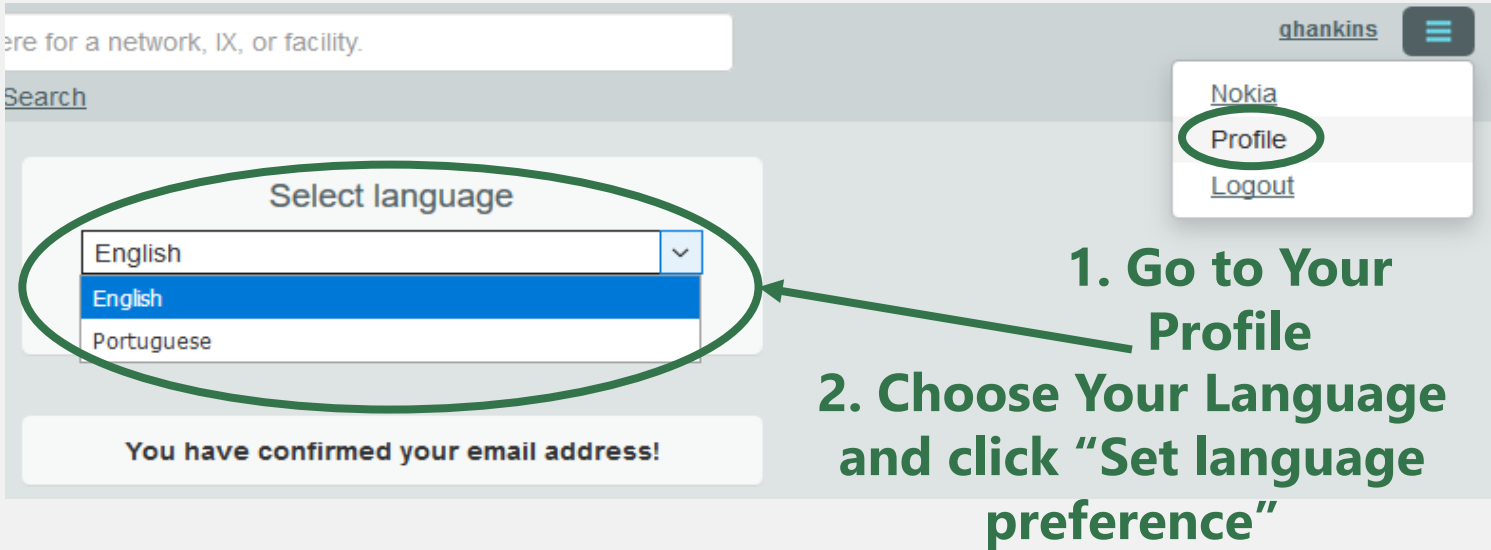


Filiz Yilmaz

Recent Developments - Highlights

- Product Committee Decision Making process
 - Reworked process to act faster on issues
 - Product Committee Members to shepherd discussions
 - Logging decisions on Github for info dissemination and transparency purposes
- Translations
 - Process documented internally to streamline the release of translated strings
 - Languages will be released at 80% maturity level
 - Newly added languages are always on <https://beta.peeringdb.com> from day 1
- Vendor selection Process
 - Policy document currently in the making
 - Increase vendor diversity

Internationalization Support – New in 2.9.1



Search for a network, IX, or facility.

Search

Select language

English

English

Portuguese

You have confirmed your email address!

ghankins

Nokia

Profile

Logout

1. Go to Your Profile
2. Choose Your Language and click "Set language preference"

3. Text Now Appears in the Selected Language!

Translations Wanted!

Get in Touch With

productcom@lists.peeringdb.com if
You are Interested in Translating.

Especificamente, somos um banco de dados de redes que fazem peering, onde eles fazem peering, e se eles gostariam de fazer peering com você. Se você não sabe o que é peering, e/ou se você ainda não faz peering, então isso provavelmente não terá qualquer significado para você.

Você está atualmente numa visualização somente leitura dos dados contidos aqui. Se você é uma rede de peering que gostaria de criar uma conta, [você pode se registrar para uma aqui](#). Por favor, registrar apenas se estiver uma rede de Peering

Ainda tem dúvidas ou perguntas? [Leia o nosso FAQ](#)

Translations

Languages

Language	Translated
Arabic	49.3%
Chinese (Simplified)	93.5%
Chinese (Traditional)	90.3%
Czech	77.1%
Danish	27.1%
English (United States)	0.0%
French	81.5%
German	99.7%
Greek	82.0%
Indonesian	0.0%
Italian	79.2%
Japanese	89.6%
Portuguese	88.6%
Romanian	97.4%
Russian	80.4%
Spanish (Spain)	86.9%
Telugu	0.0%
Thai	0.0%
Turkish	11.5%

Approved Good Failing checks Needs editing

PeeringDB

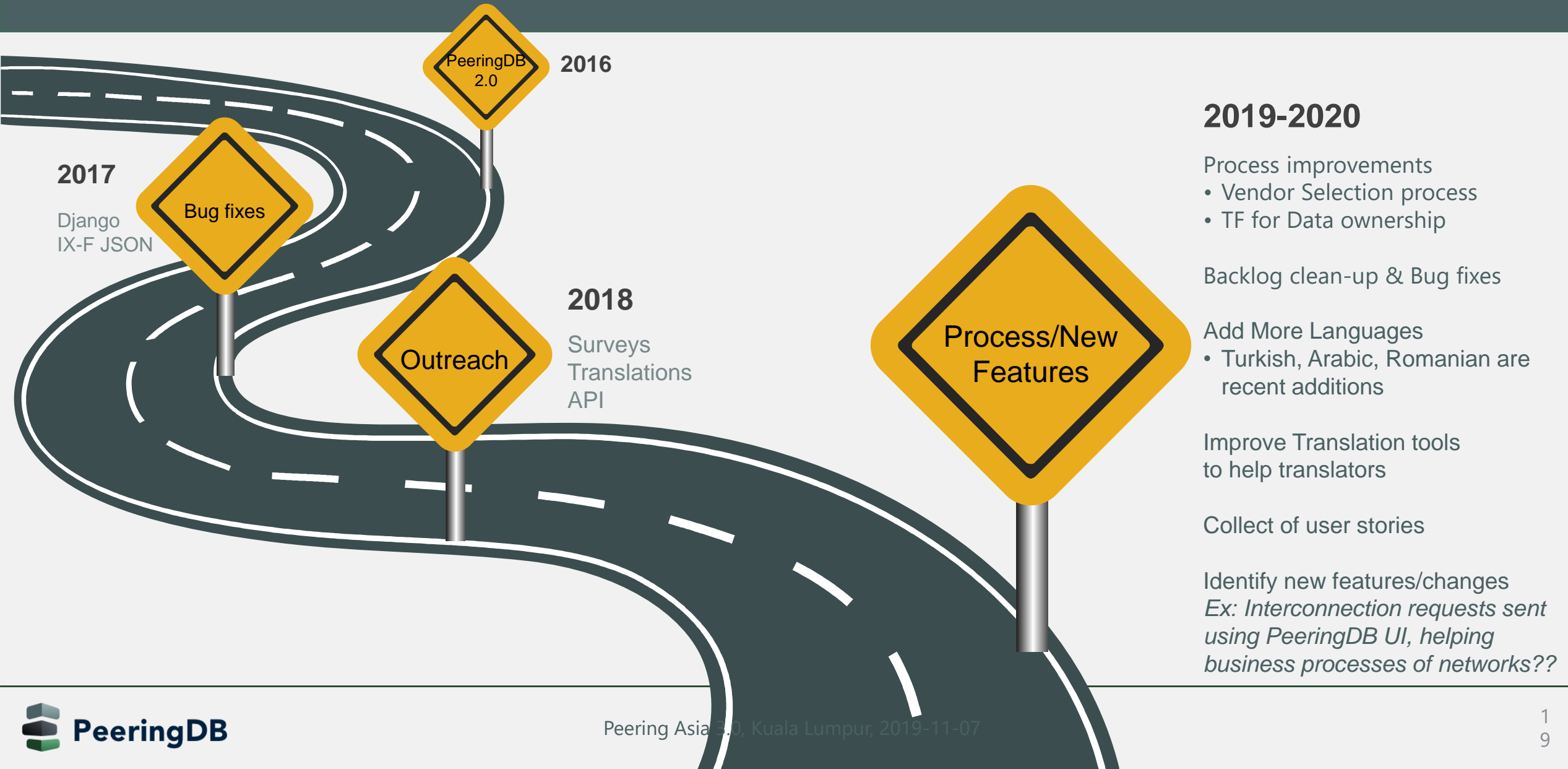
Components Languages **Info** Search Glossaries Insights Tools Share

Project website	https://peeringdb.com
Instructions for translators	https://docs.peeringdb.com/translation/
Translation license	PeeringDB License
Number of strings	13166
Number of words	76285
Number of languages	19
Number of source strings	693
Number of source words	4015

Product Update - Next release and Discussions

- Focus still on the Backlog issues, bug fixes and translations
- Discussions on
 - IX-F importer
 - Data deletion and how to retain deleted data for R&D purposes
- Data ownership
 - Discussion on who has final say on data when more than one party is involved (e.g. netixlan, ixfac, netfac,)
 - Established a Task Force to work on a policy document

Putting it all together and what next?



2019-2020

Process improvements

- Vendor Selection process
- TF for Data ownership

Backlog clean-up & Bug fixes

Add More Languages

- Turkish, Arabic, Romanian are recent additions





Improve Translation tools to help translators

Collect of user stories

Identify new features/changes

Ex: Interconnection requests sent using PeeringDB UI, helping business processes of networks??

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)



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Questions?