



PeeringDB

PeeringDB Update

Stefan Funke

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Greetings from PeeringDB

- What is PeeringDB?
- Why should my facility, IXP or network be listed in PeeringDB?
- A look into PeeringDBs data
 - Austria, Germany, Luxembourg, Switzerland
 - Peering in Hamburg: Networks, Facilities and Internet Exchanges
- What's new?
- How can I support PeeringDB?

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



What is PeeringDB?


Why should my exchange, network or facility 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

What is PeeringDB?

Microsoft Diamond Sponsor


Edit

Some of the data on this page is incomplete, please update the fields marked with  to improve data quality.

Organization	Microsoft Corporation
Also Known As	8068 8069
Company Website 	
Primary ASN	8075
IRR as-set/route-set	AS-MICROSOFT
Route Server URL 	
Looking Glass URL 	
Network Type	Content
IPv4 Prefixes	1500
IPv6 Prefixes	500
Traffic Levels	Not Disclosed
Traffic Ratios	Mostly Outbound
Geographic Scope	Global
Protocols Supported	<input checked="" type="radio"/> Unicast IPv4 <input type="radio"/> Multicast <input checked="" type="radio"/> IPv6
Last Updated	2019-01-16T00:26:45Z
Notes	

Public Peering Exchange Points

Filter

Exchange ASN	IPv4 IPv6	Speed RS Peer
DE-CIX Dusseldorf DE-CIX Dusseldorf	185.1.58.161	200G 
Peering LAN 8075	2001:7f8:9e::1f8b:0:3	<input type="radio"/>
DE-CIX Frankfurt DE-CIX Frankfurt	80.81.194.52	200G
Peering LAN 8075	2001:7f8::1f8b:0:1	<input type="radio"/>
DE-CIX Frankfurt DE-CIX Frankfurt	80.81.195.11	200G
Peering LAN 8075	2001:7f8::1f8b:0:2	<input type="radio"/>
DE-CIX Hamburg DE-CIX Hamburg	80.81.203.105	10G
Peering LAN 8075	2001:7f8:3d::1f8b:0:1	<input type="radio"/>
DE-CIX Hamburg DE-CIX Hamburg	80.81.203.133	10G
Peering LAN 8075	2001:7f8:3d::1f8b:0:2	<input type="radio"/>
DE-CIX Lisbon DE-CIX Lisbon Peering	185.1.131.6	10G
LAN 8075	2001:7f8:d5::1f8b:0:1	<input type="radio"/>
DE-CIX Madrid DE-CIX Madrid Peering	185.1.68.16	20G
LAN 8075	2001:7f8:a0::1f8b:0:1	<input type="radio"/>
DE-CIX Marseille DE-CIX Marseille	185.1.47.13	10G
Peering LAN 8075	2001:7f8:36::1f8b:0:1	<input type="radio"/>
DE-CIX Munich DE-CIX Munich Peering	80.81.202.100	10G

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



A look into PeeringDBs data

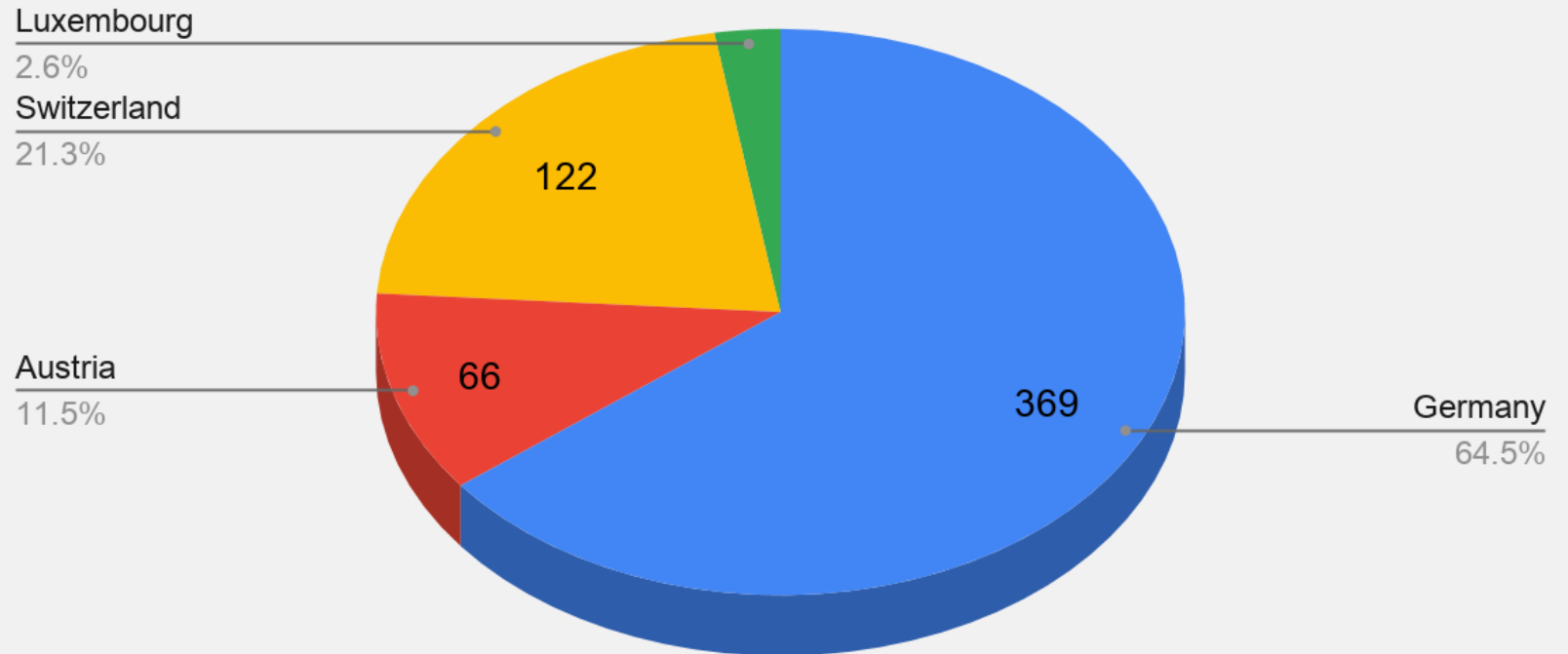
A look into PeeringDBs data (fac/net)

- Facilities

- 302 Total





- 195 Germany
 - 56 Switzerland
 - 36 Austria
 - 15 Luxembourg

Networks per Country



https://www.peeringdb.com/export/advanced-search/fac/json-pretty?country_in=DE&limit=250&depth=1

A look into PeeringDBs data (net)

	PeeringDB	RIPE
	66	648
	122	917
	369	2712
	15	111

<https://stat.ripe.net/>
image(s) source: Wikipedia

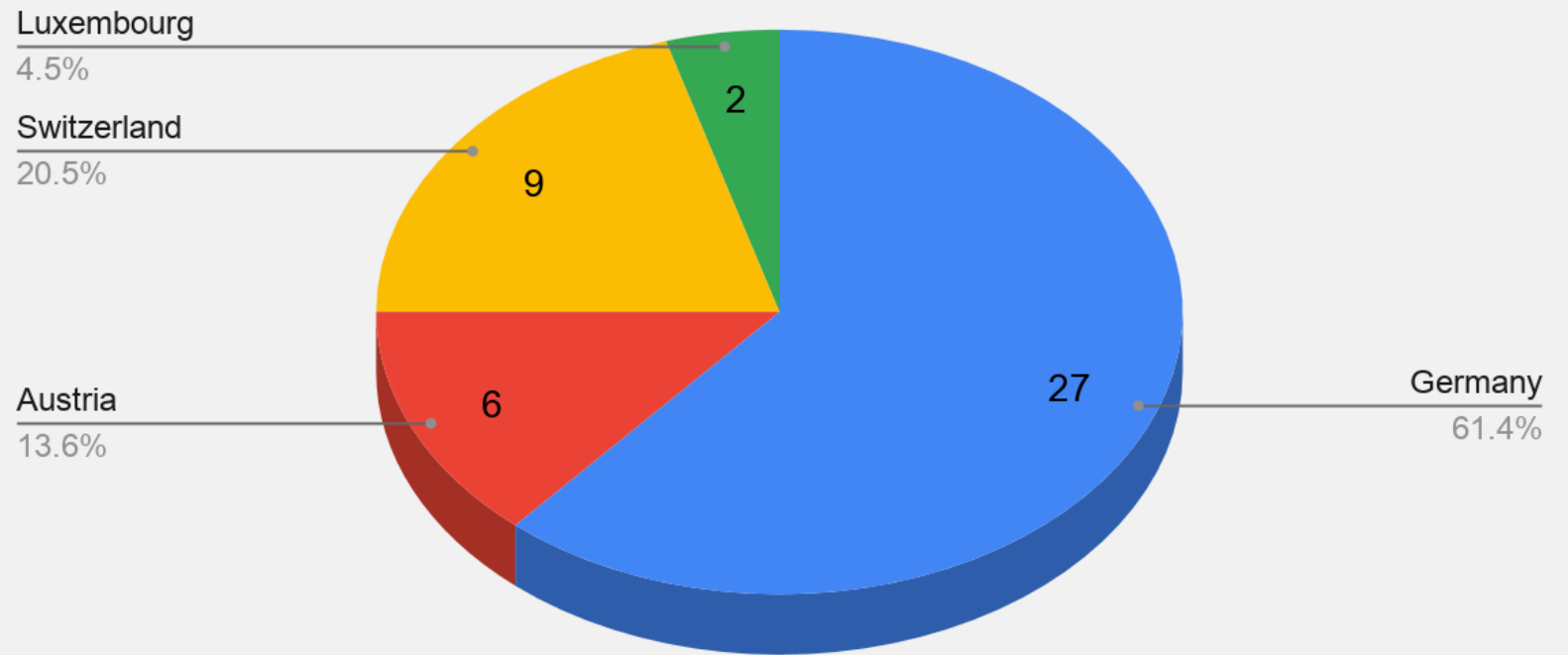
A look into PeeringDBs data (ixp)

- IXPs

- 44Total

- 27 Germany
 - 9 Switzerland
 - 6 Austria
 - 2 Luxembourg

IXPs per Country



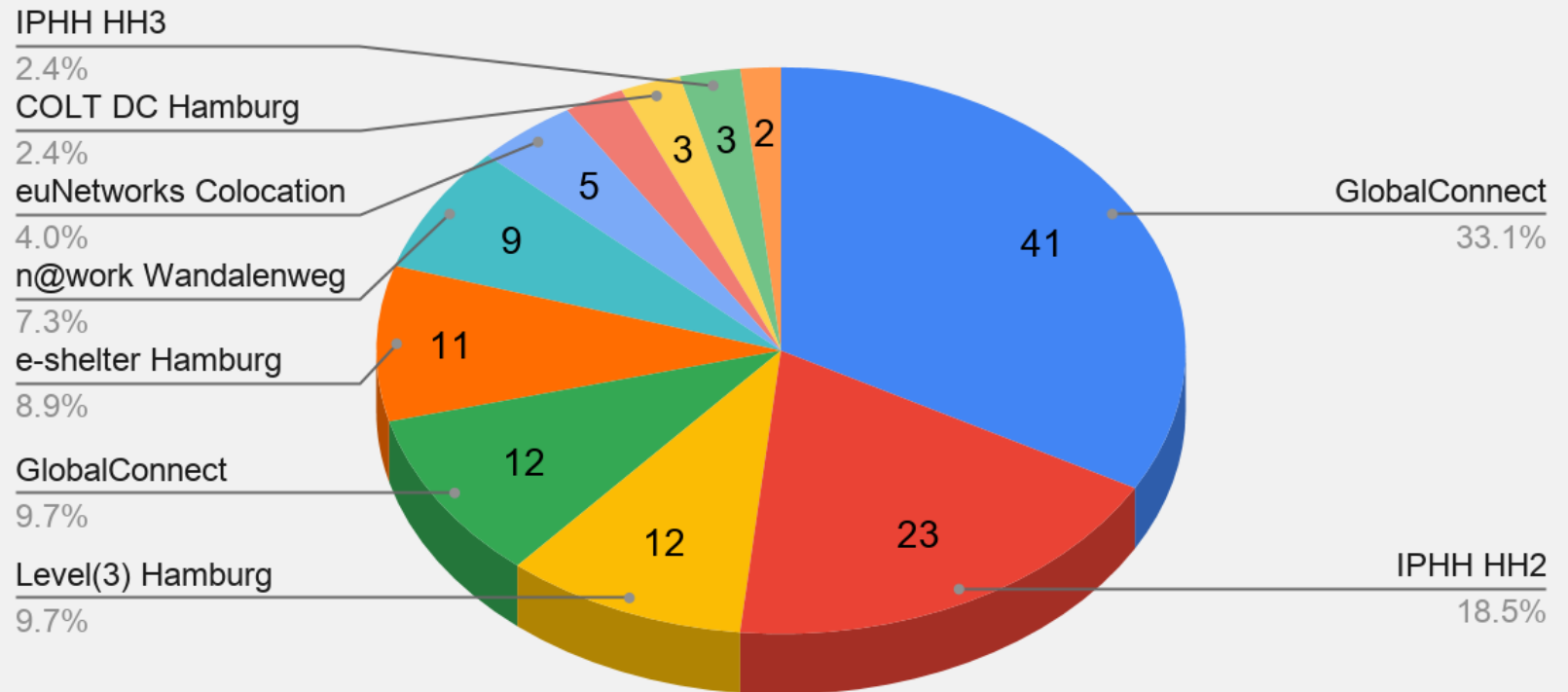
Peering in Hamburg (fac)

- Facilities & Networks in Hamburg

- 11 Total

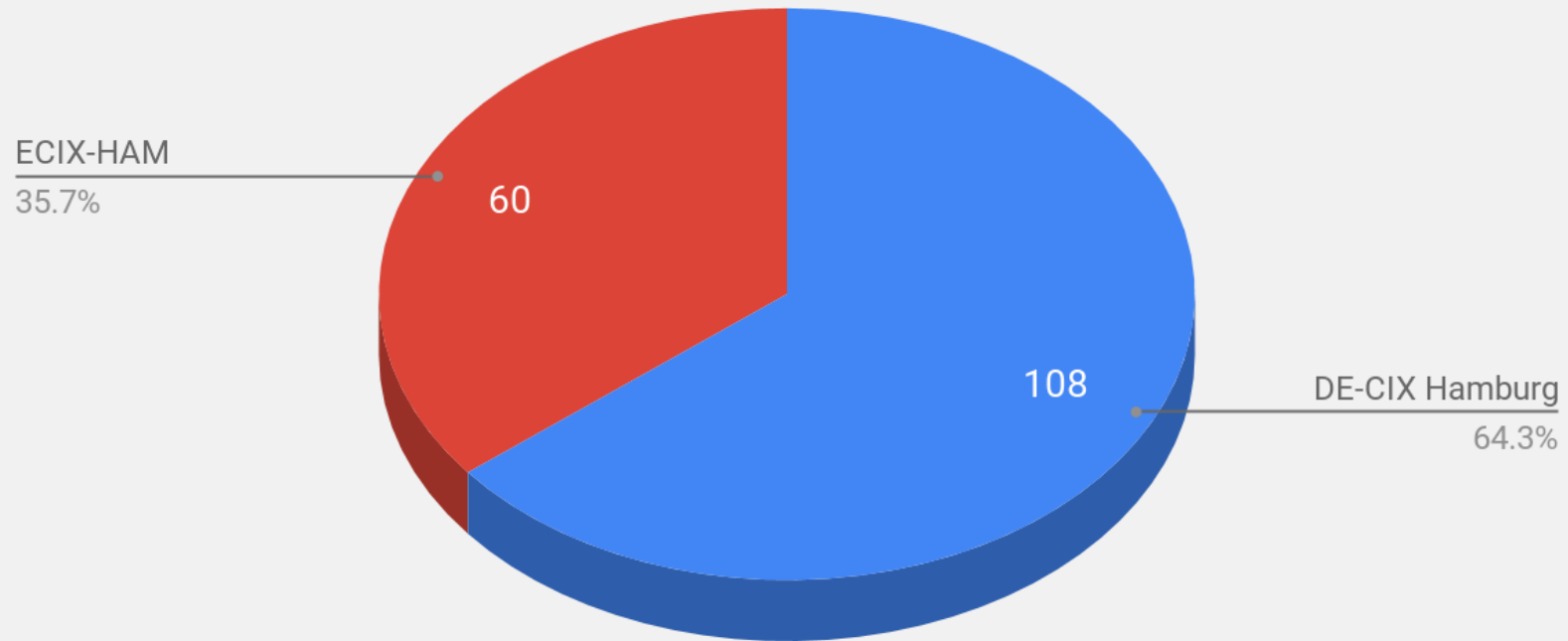
- 41 GlobalConnect HAM2
- 23 IPHH HH2
- 12 Level3 Hamburg
- 12 GlobalConnect HAM1
- 11 e-shelter HAM1
- 9 n@work
- 5 euNetworks Hamburg
- 3 Artfiles w408
- 3 Colt DC Hamburg
- 3 IPHH HH3
- 2 ITENOS Hamburg

Networks at facilities in Hamburg



Peering in Hamburg (ixp)

IXPs and Networks in Hamburg





Whats new?

Recent Development Highlights

- **Product Committee Decision Making process**
 - Renewed 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
 - Working on external website to help translators - ongoing
- **Vendor selection Process**
 - Currently under discussion
 - Increase vendor diversity

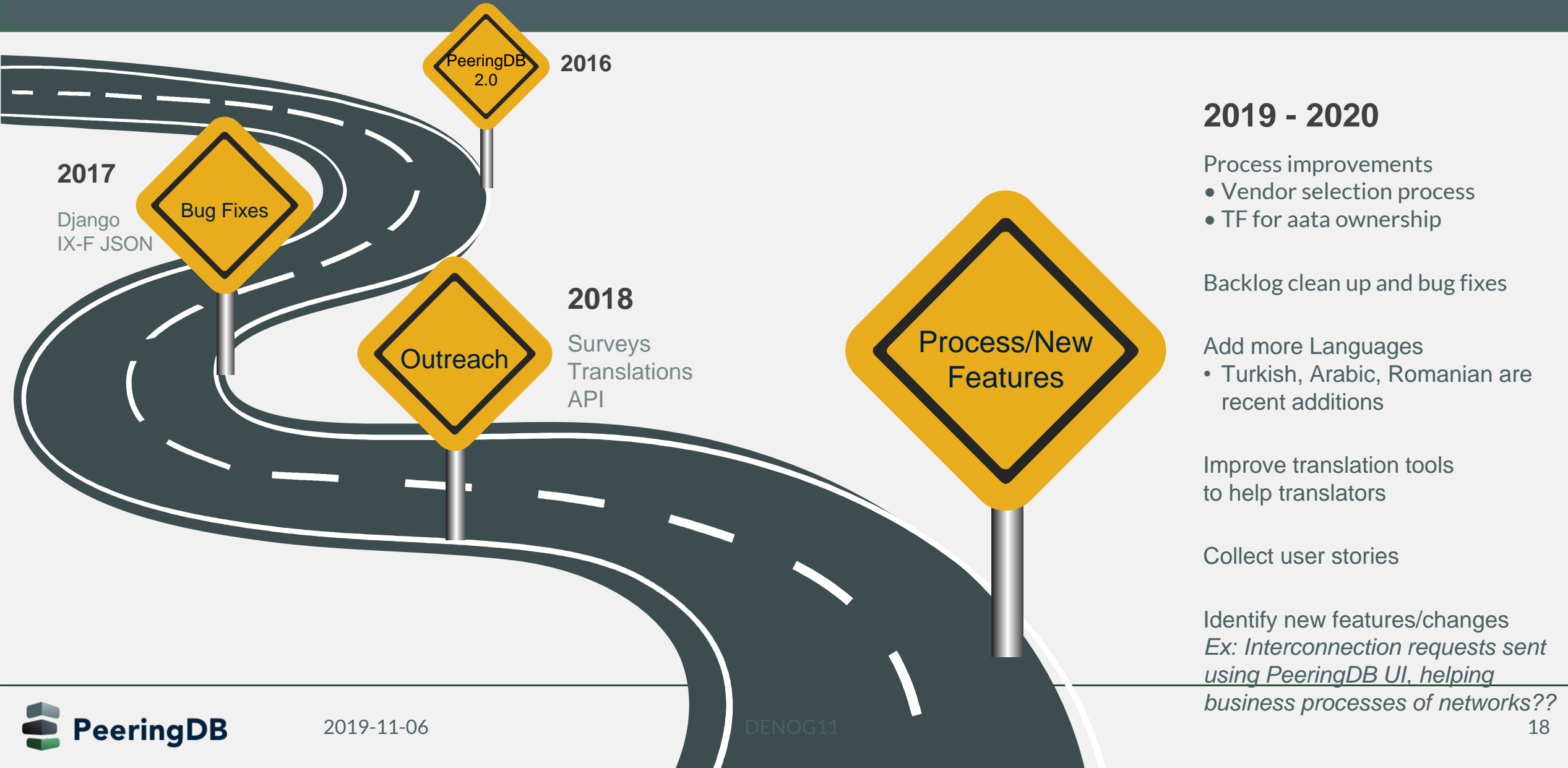
Product Update

- Focusing on the backlog issues, bugs and translations
- Recent versions:
 - 2.15 released on 28 August 2019
 - 2.16 released on 18 September 2019
- Changes due to specific issues:
 - <https://github.com/peeringdb/peeringdb/issues?utf8=%E2%9C%93&q=is%3Aissue+milestone%3A2.15.0>
 - <https://beta.peeringdb.com/changes> (for the latest)
- Fixes for:
 - IANA reserved ASNs are not listed in PeeringDB
 - Better IP address validation
 - Links to maps.google.com in translations
 - Oauth correctly sets next URL (had priority due to IXP Manager release)
 - Info on Oauth at <https://docs.peeringdb.com/oauth/>
- Newlines in JavaScript Markdown renderer behave same as in the Python renderer

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
 - More and more discussion on who owns the data when more than one party involved (ex: netix, ixfac, netfac etc)
 - Established a Task Force to work on a policy document
 - Would you like to take part? Let us know!

What's next?



2017

Django
IX-F JSON

Bug Fixes

PeeringDB
2.0

2016

2018

Surveys
Translations
API

Outreach

Process/New
Features

2019 - 2020

Process improvements

- Vendor selection process
- TF for aata ownership

Backlog clean up and bug fixes

Add more Languages

- Turkish, Arabic, Romanian are recent additions

Improve translation tools to help translators

Collect user stories

Identify new features/changes

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

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

PeeringDB Shirt Store

If you'd like to support PeeringDB by wearing a t-shirt or hoodie...
All products are sold at cost, we do not make any money from sales.

<https://teespring.com/stores/peeringdb>



All Products About



PeeringDB Defender
Women's Classic Tee
€10.46



PeeringDB Defender
Classic Tee
€10.46



PeeringDB Defender
Women's Premium V-Neck Tee
€14.68



PeeringDB Defender
Premium Pullover Hoodie
€28.84



PeeringDB Defender
Comfort Tee
€14.56



PeeringDB Defender
Premium V-Neck Tee
€14.56



PeeringDB Defender
Women's Comfort Tee
€15.57



PeeringDB Defender
Crew Socks
€11.91

Become a PeeringDB Sponsor!

- Diamond Sponsorship - \$25,000 / year



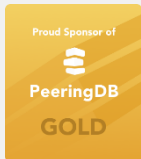
- Limited to 2 sponsors
- Very large logo on top line of Sponsors page with URL
- Diamond Sponsor badge display on all records
- Social media promotion

- 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



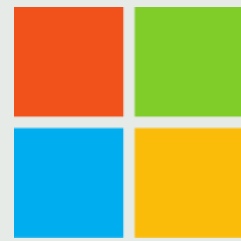
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Thank you to our sponsors!

Diamond
Sponsor



Microsoft

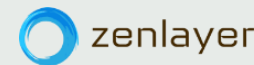
Platinum
Sponsors







Gold
Sponsors



Silver
Sponsors



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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Feedback?