



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	Operations Committee	Outreach Committee	Product Committee
<ul style="list-style-type: none">• Manage administration of user accounts and PeeringDB records• Answer support tickets• Cleansing and completion of PeeringDB records <p>Leads: Stefan Funke (Chair)</p> <p>Contact: admincom@lists.peeringdb.com</p>	<ul style="list-style-type: none">• Manage PeeringDB infrastructure <p>Leads: Job Snijders (Chair) and Aaron Hughes (Vice Chair)</p> <p>Contact: pdb-ops@lists.peeringdb.com</p>	<ul style="list-style-type: none">• Manage marketing and social media• Develop and maintain presentations, workshops and webinars• Coordinate presentations and attendance at events <p>Leads: Greg Hankins (Chair) and Bijal Sanghani (Vice Chair)</p> <p>Contact: outreachcom@lists.peeringdb.com</p>	<ul style="list-style-type: none">• Manage roadmap and development priorities• Ask for input from the community on desired features• Write SoWs to solicit bids to complete requested features <p>Leads: Stephen McManus (Chair) and Matt Griswold (Vice Chair)</p> <p>Product Manager: Filiz Yilmaz</p> <p>Contact: productcom@lists.peeringdb.com</p>



A look into PeeringDBs data

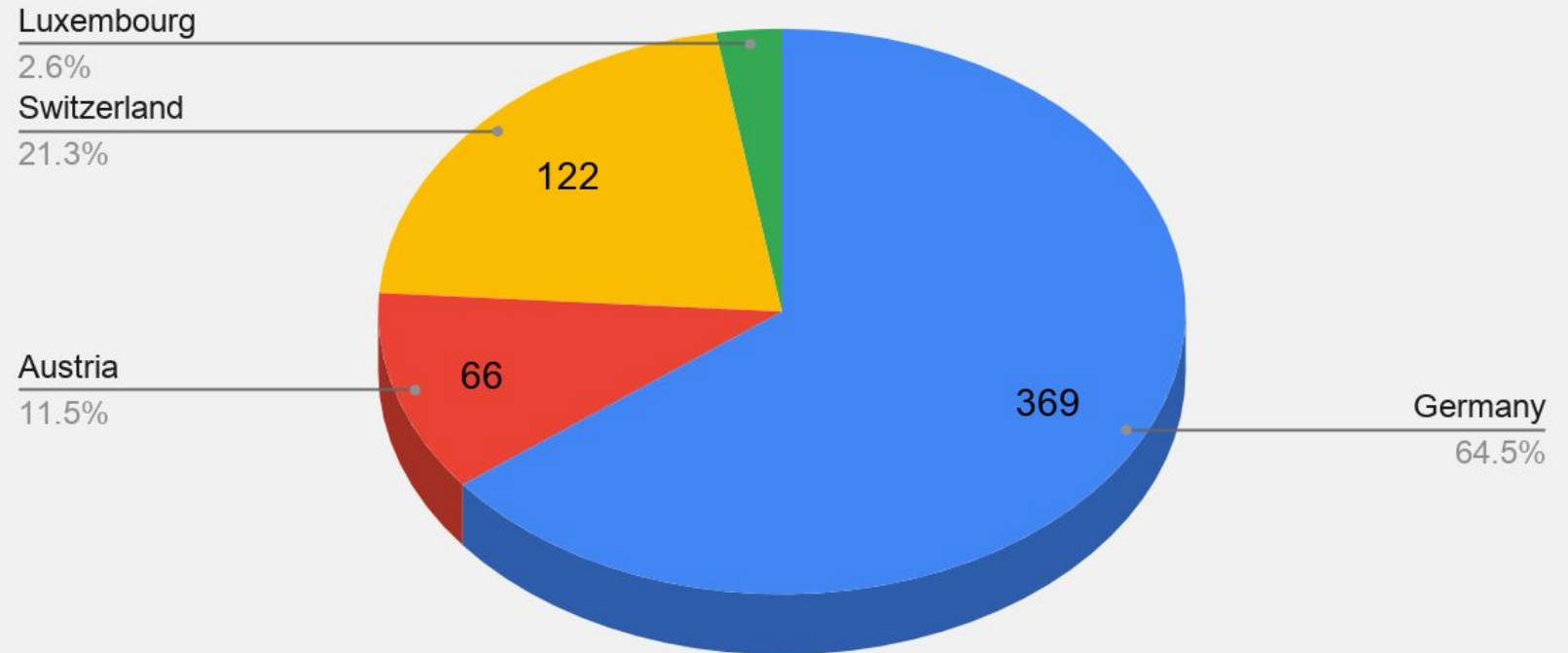
A look into PeeringDBs data (fac/net)

- 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

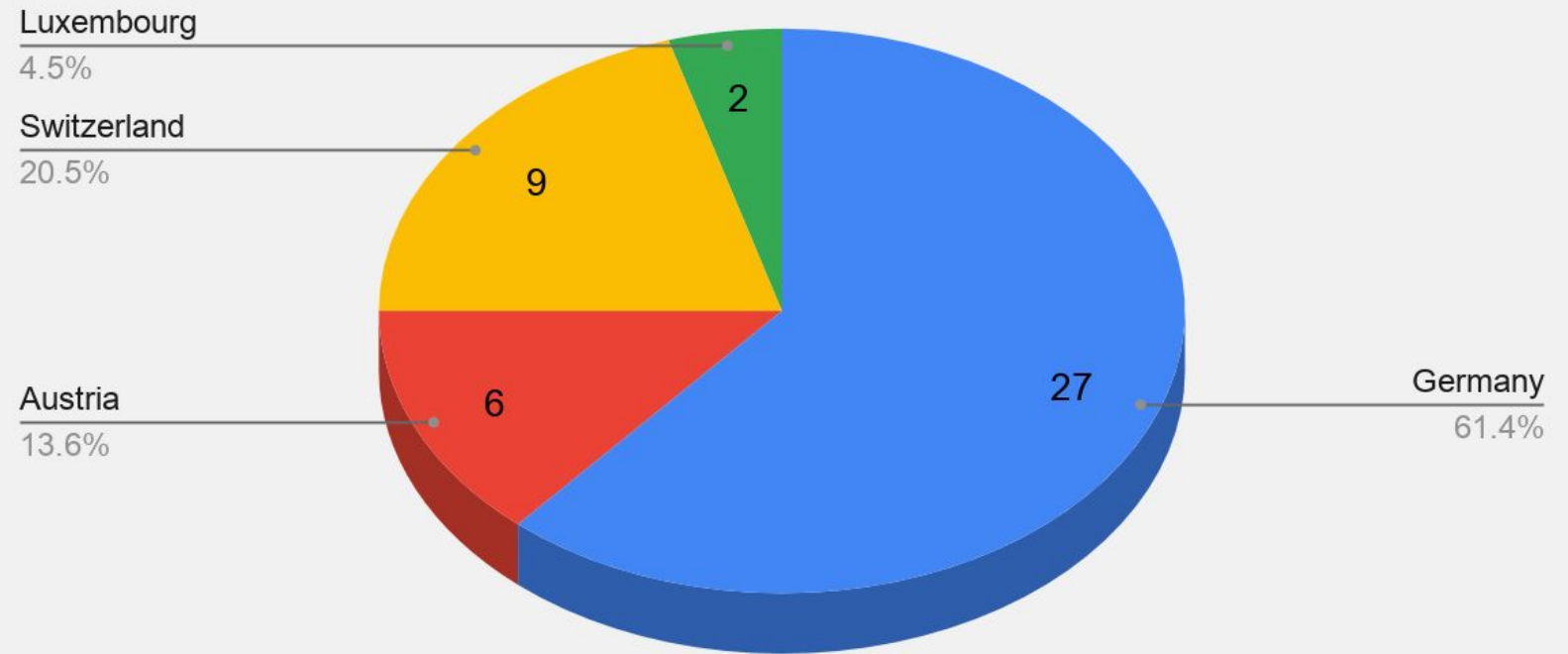
A look into PeeringDBs data (ixp)

- IXPs

- 44Total

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

IXPs per Country



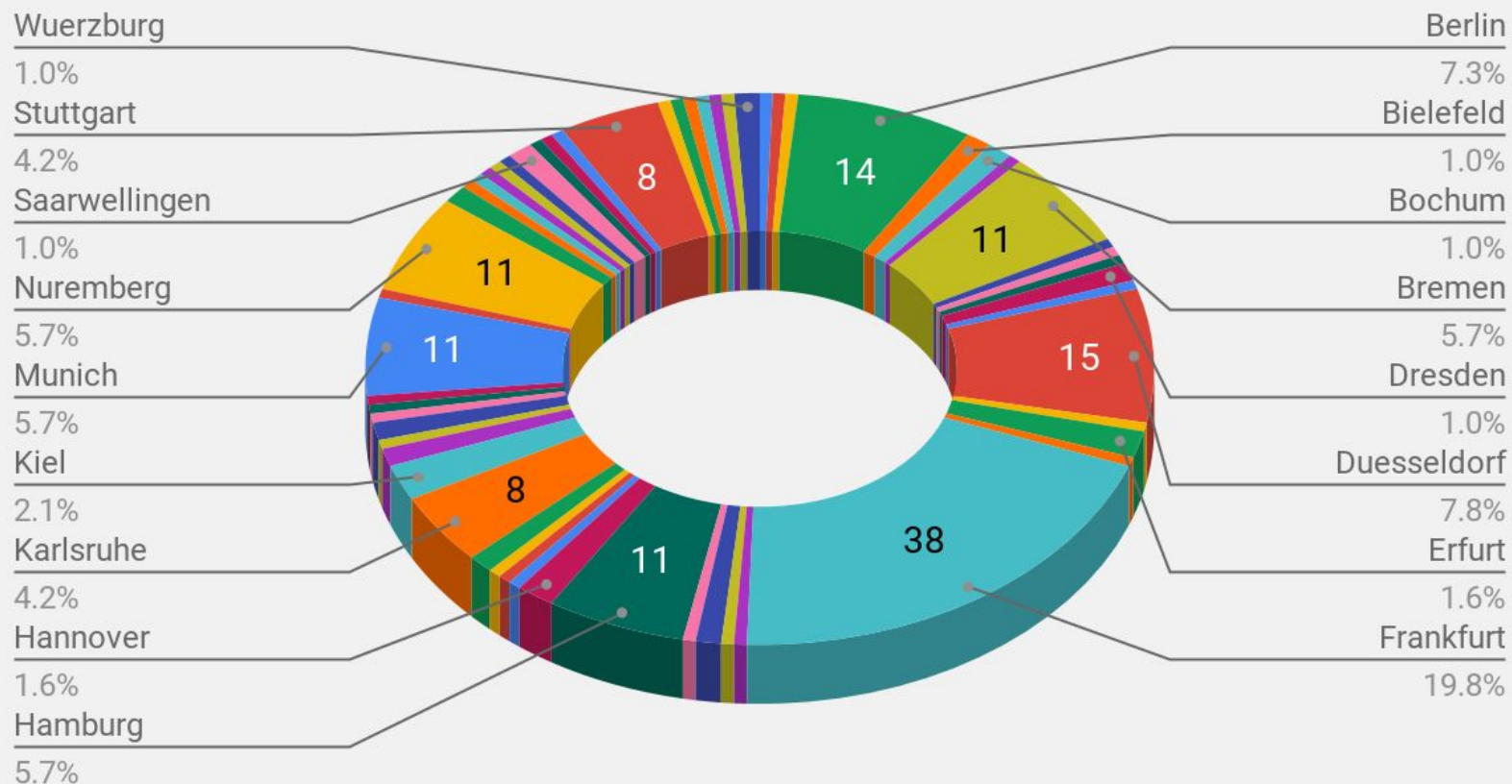
A look into PeeringDBs data (fac DE)

- Facilities in Germany

- 195 Total

■	38	Frankfurt
■	15	Düsseldorf
■	14	Berlin
■	11	Bremen
■	11	Hamburg
■	11	Nürnberg
■	11	München
■	8	Karlsruhe
■	8	Stuttgart

Data Centers / City



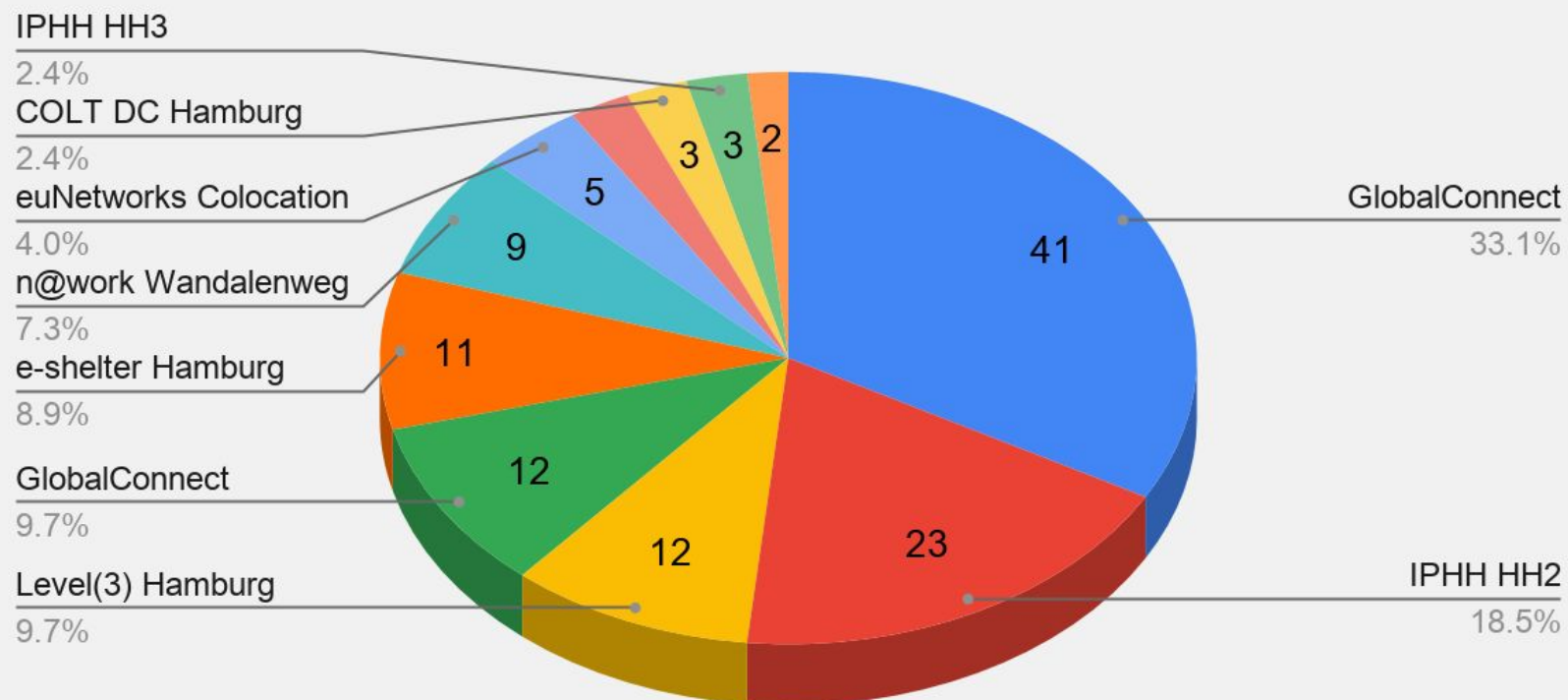
Peering in Hamburg (fac)

- Facilities & Networks in Hamburg

- 11 Total

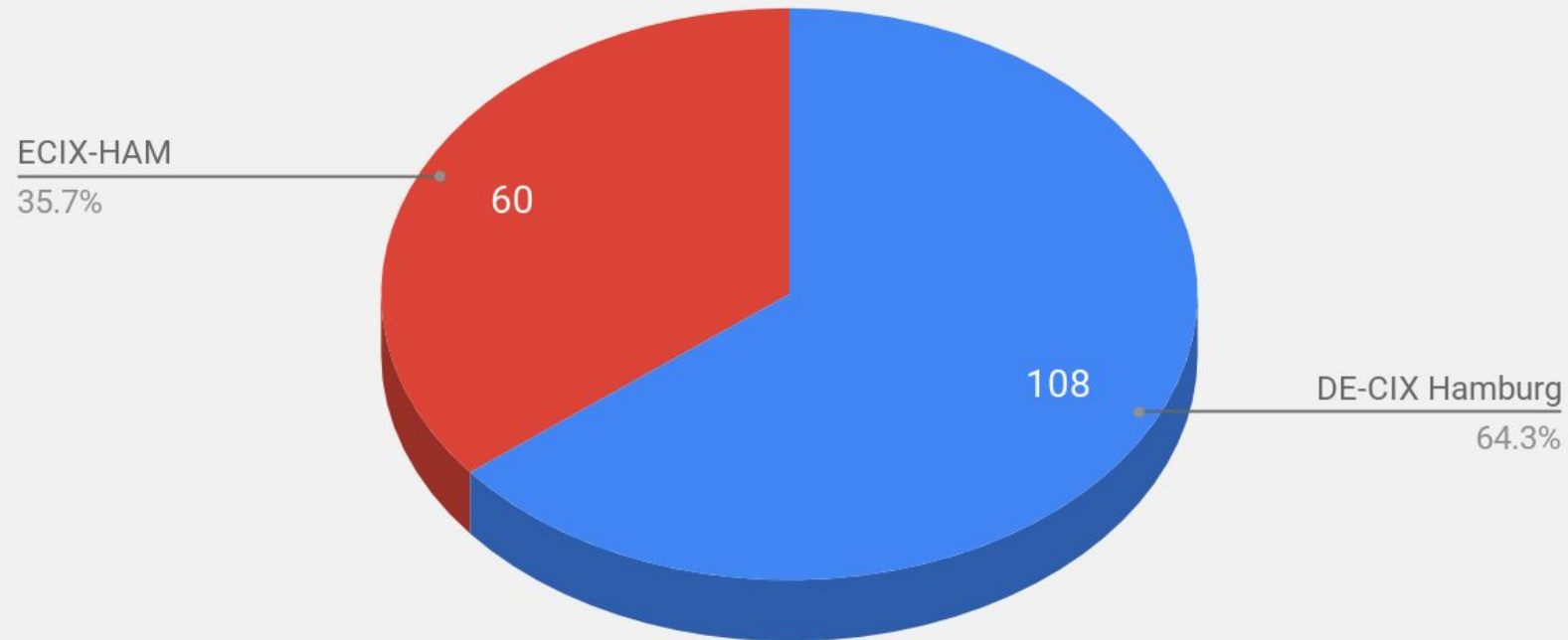
■	41	GlobalConnect HAM2
■	23	IPHH HH2
■	12	Level3 Hamburg
■	12	GlobalConnect HAM1
■	11	e-shelter HAM1
■	9	n@work
■	5	euNetworks Hamburg
■	3	Artfiles w408
■	3	Colt DC Hamburg
■	3	IPHH HH3
■	2	ITENOS Hamburg

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

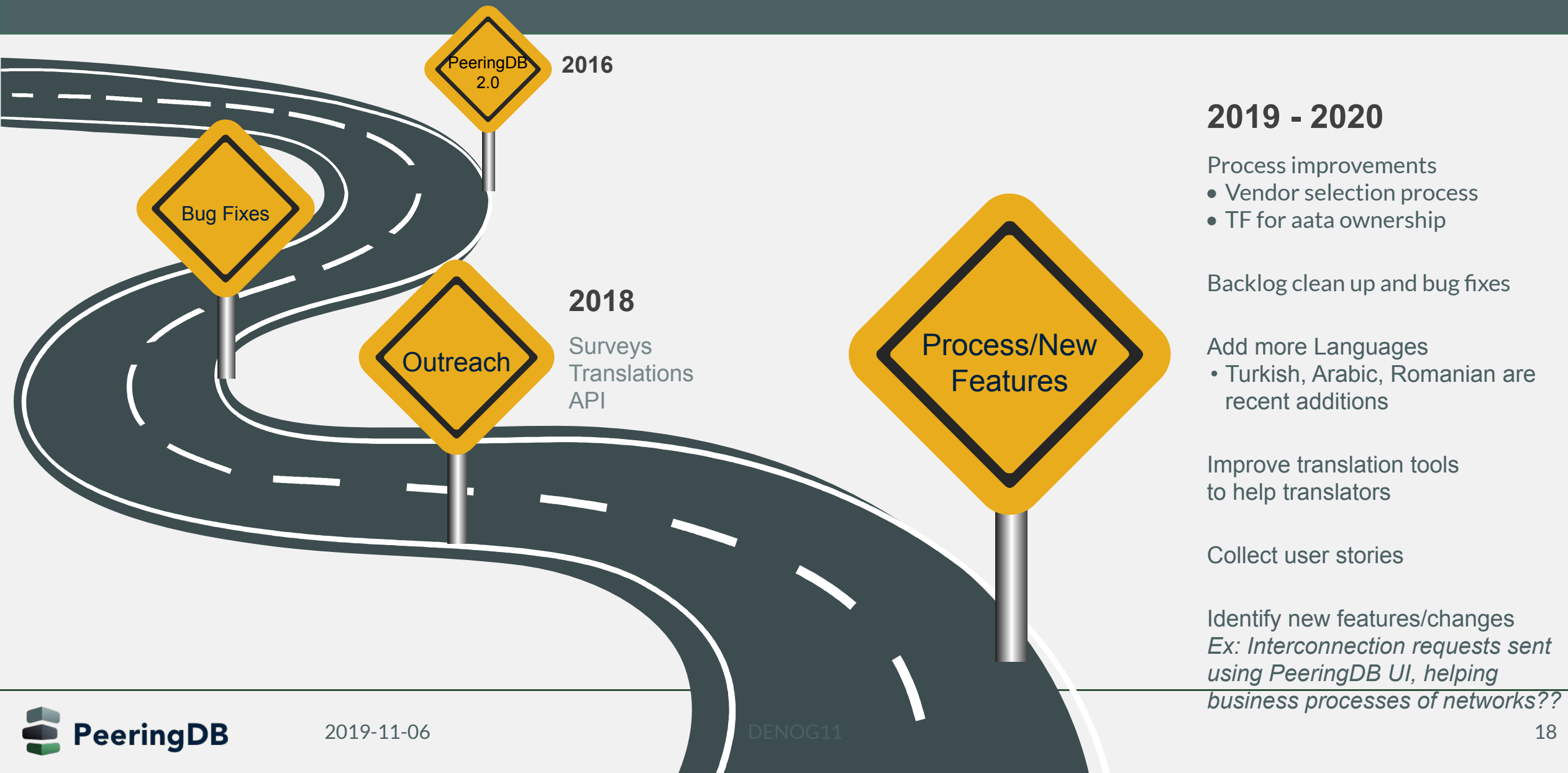
Product Update

- 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?



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

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- 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



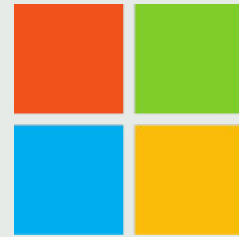
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Microsoft

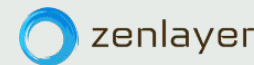
Platinum
Sponsors







Gold
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Silver
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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?