



PeeringDB

Introduction to PeeringDB

Arnold Nipper

arnold@peeringdb.com

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



Statistics for Russia and neighbouring countries

Country	IX	Facilities	Networks at IXes	Networks in Facilities	Networks total	ASN in PeeringDB	ASN
AZ	0	4	0	2	2	10	52
BY	1	0	3	0	3	16	135
CN	9	16	34	7	39	87	1522
EE	3	6	19	22	33	20	131
FI	5	23	48	42	66	38	313
GE	0	1	0	1	1	9	98
KP	0	0	0	0	0	0	1
KZ	3	5	10	5	13	17	146
LT	4	8	38	24	45	42	154
LV	3	5	25	27	33	23	292
MN	2	0	5	0	5	19	48
NO	7	35	74	58	90	68	357
PL	15	52	563	435	602	584	2544
RU	36	74	385	235	440	466	6232
UA	12	31	157	109	179	177	2233

As of 2019-04-15

GUI and API

```
curl -sG https://peeringdb.com/api/netixlan \
--data-urlencode ix_id=358 \
--data-urlencode fields=id | \
jq -c '[.data[] | .id] | length'
```

249

```
curl -sG https://peeringdb.com/api/netixlan \
--data-urlencode ix_id=358 \
--data-urlencode fields=speed | \
jq -c '[.data[] | .speed] | add / 1000'
```

4496.996

The screenshot shows the PeeringDB interface for the DATAIX network. The top navigation bar includes the PeeringDB logo, a search bar, and an 'Advanced Search' link. The main content area is divided into several sections:

- Organization:** Global Network Management Ltd. City: Frankfurt, Stockholm, Helsinki, Amsterdam, St.Petersburg, Moscow, Ekaterinburg, Ufa, Novosibirsk, Omsk, Khabarovsk,Kiev, Kharkov, Odessa. Country: RU. Continental Region: Europe. Media Type: Multiple. Protocols Supported: Unicast IPv4, Multicast, IPv6. Notes: DATAIX - Internet exchange network. Internet Exchange is distributed across Russia, Ukraine, Finland, Sweden, Netherlands and Germany. DATAIX merged with Global IX in 2018.
- Contact Information:** Company Website: http://www.dataix.ru. Traffic Stats Website: http://graphs.dataix.ru/total.png. Technical Email: noc@dataix.ru. Technical Phone: +7-812-612-11-04. Policy Email: noc@dataix.ru. Policy Phone: +7-812-612-11-04.
- LANS:** A table with columns for Name, DOT1Q, and MTU. It lists various IP addresses and their corresponding MTU values.
- Local Facilities:** A table with columns for Facility, Country, and City. It lists various data centers and their locations, such as Moscow, Saint-Petersburg, and Amsterdam.
- Peers at this Exchange Point:** A table with columns for Peer Name, ASN, IPv4, IPv6, Speed, and Policy. It lists various peer organizations and their associated IP ranges and speeds.

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>
 - Board elections going on, see https://docs.peeringdb.com/gov/misc/2019-04-14_election.html
 - More information available at <http://gov.peeringdb.com/>
 - Next (online) general meeting on 2019-04-25 16:00 UTC
 - See <https://docs.peeringdb.com/gov/#member-meetings> for details

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

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

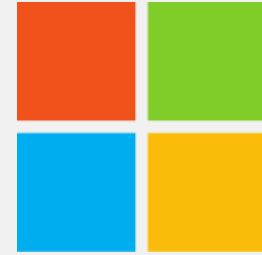
DE-CIX Frankfurt Platinum Sponsor

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** 
Contact sponsorship@peeringdb.com for sponsorship info!

Thank you to our sponsors!

Diamond Sponsor



Microsoft

Platinum Sponsors



Gold Sponsors



Silver Sponsors



Rebranding

- Having branding and set of graphics that work together
- Capturing the evolving scope of PeeringDB as a resource of interconnection
- The logo design carries three attributes
 - Database
 - Interconnection
 - User-maintained data



PeeringDB is Open Source Software!

- Open source release announcement on 2018-11-10
 - Released under the 2-Clause BSD License:
<https://opensource.org/licenses/BSD-2-Clause>
- Beneficial to the peering and interconnection community by promoting innovation
 - Allows volunteers to contribute
 - Makes it easier for third parties to bid on new features specified by the Product Committee
 - A processes for accepting contributions will be announced
- Source code is available on GitHub:
<https://github.com/peeringdb/peeringdb>

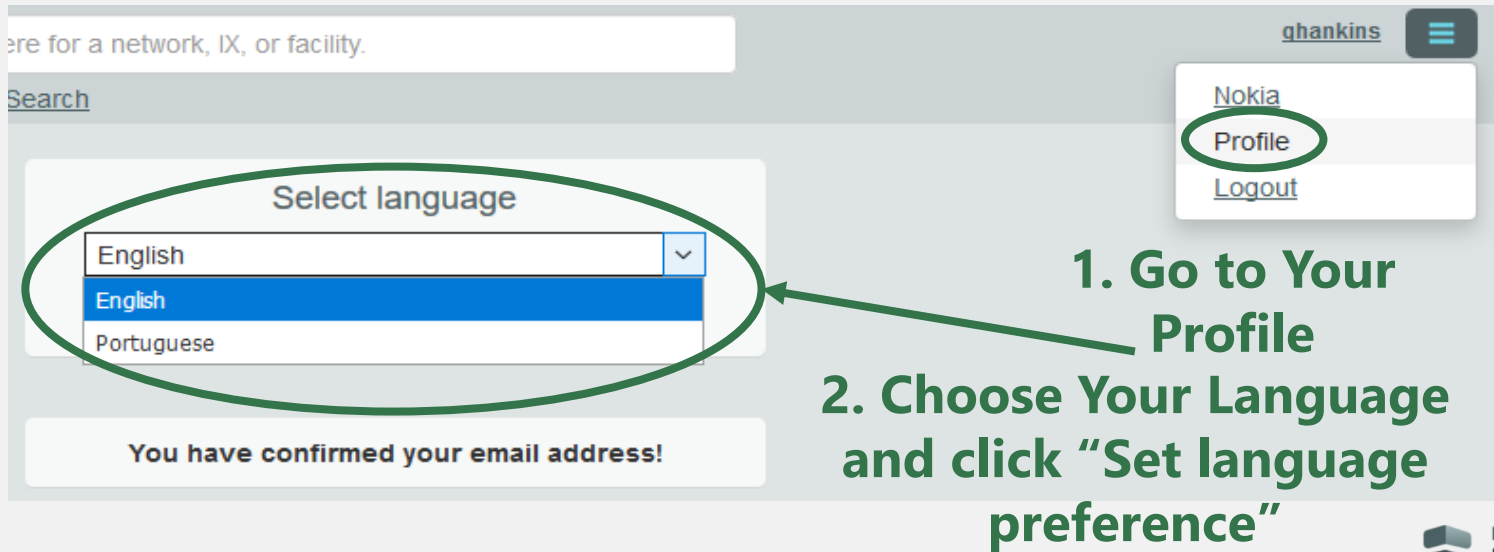
New Product Manager

- 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

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.



Поиск сети, IX, площадки.
Расширенный поиск

Ваш email подтвержден!

Affiliate with organization

Ваша заявка на связь с Bull HN Information Systems Inc. отклонена

Для установления связи с существующей организацией, введите номер ASN или наименование организации ниже.

To register a new network organization, please enter the ASN and organization name below.

To register a new facility or exchange organization, please enter the organization name below (ASN is optional).

ASN

Организация

Выберите язык

Русский

Установить язык

Изменить email

Для ускорения проверки указывайте рабочий email. Если сведения о вашей ASN, рекомендуется использовать email контактной информации для вашей ASN.

Email

Пароль

Current Translations

Languages

Language	Translated	Words
Chinese (Simplified)	100.0%	100.0%
Chinese (Traditional)	100.0%	100.0%
Czech	89.5%	81.4%
Danish	5.8%	2.3%
English (United States)	0.0%	0.0%
French	94.4%	89.8%
German	100.0%	100.0%
Greek	94.7%	89.8%
Indonesian	0.0%	0.0%
Italian	92.0%	89.0%
Japanese	94.7%	89.7%
Portuguese	91.6%	88.6%
Romanian	0.0%	0.0%
Russian	93.2%	88.3%
Spanish (Spain)	91.8%	88.7%
Telugu	0.0%	0.0%
Thai	0.0%	0.0%

Legend: ■ Approved ■ Good ■ Failing checks ■ Needs editing

How to contribute to translations

1. Open a new issue named "Please generate locale files" on the GitHub issue page: <https://github.com/peeringdb/peeringdb/issues>
 2. Your language / locale will be added to <https://translate.peeringdb.com>
 3. Add yourself for selected languages / locales
 - Login to <https://translate.peeringdb.com> with your PeeringDB credentials
 - Edit your profile <https://translate.peeringdb.com/accounts/profile/> and add languages you want to help translating
 4. PeeringDB team continuously uploads the files to the beta website
 - You can check your translation on the beta website: <https://beta.peeringdb.com/>
- For more info visit: <https://docs.peeringdb.com/translation/>

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:
outreach@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>





PeeringDB

Questions?