



PeeringDB

Introduction to PeeringDB

Arnold Nipper

arnold@peeringdb.com

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

The GUI

Arnes

Edit

Website	https://www.arnes.si/
Address 1	Tehnološki park 18
Address 2	
Location	Ljubljana, , 1000
Country Code	SI
Notes	

Facilities

Filter

Name ▼	Country	City
SIX SI Jozef Stefan Institute	Slovenia	Ljubljana
SIX SI Ljubljana Technology Park	Slovenia	Ljubljana

Facilities are Shown Here
Arnes has 1 Facility

Networks

Filter

Name ▼	ASN
Arnes	2107
SIX SI Route Servers	51988

Networks are Shown Here
Arnes has 2 Network Records

Exchanges are Shown Here
Arnes has 1 Exchange Record

Exchanges

Filter

Name ▼	Country	City
SIX SI	Slovenia	Ljubljana

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`
- Show a specific network: `curl -sG https://peeringdb.com/api/net/20`

```
{"meta": {}, "data": [{"id": 20, "org_id": 10356, "org": {"id": 10356, "name": "20C", "website": "http://20c.com", "notes": "", "net_set": [20], "fac_set": [], "ix_set": [], "address1": "", "address2": "", "city": "Chicago", "country": "US", "state": "IL", "zipcode": "", "created": "2014-11-17T14:59:34Z", "updated": "2016-03-23T20:39:18Z", "status": "ok"}, "name": "20C", "aka": "", "website": "http://20c.com", "asn": 63311, " ... }]
```

A look at Thailand

	Thailand	Indonesia	Kambodia	Laos	Myanmar	Malaysia	Singapore	Taiwan	Europe	US	
IX	7										
Facilities	15										
Networks at IX seen in PeeringDB	43	31	0	1	1	1	0	1	0	2	6
Networks in Facilities seen in PeeringDB	41	32	1	1	0	2	1	1	1	0	0
Networks total	60	41	1	2	1	2	1	2	1	2	6
Networks in RIR	562										

PDB in Thailand and Neighbouring Countries

Country	IX	Facilities	Networks at IXes	Networks in Facilities	Networks total	Networks in PeeringDB	Networks in RIR
KH	3	1	18	1	18	30	109
LA	0	0	0	0	0	3	30
MM	1	2	12	1	13	26	81
MY	2	21	98	79	115	83	225
TH	7	15	43	41	60	63	563

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: 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)

Product Manager: Filiz Yilmaz
Contact: productcom@lists.peeringdb.com

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

Become a PeeringDB Sponsor!

- Diamond Sponsorship - \$25,000 / year



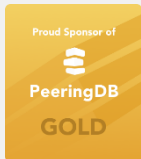
- Limited to 2 sponsors
- Very large logo on top line of Sponsors page with URL
- Diamond Sponsor badge display on all records
- Social media promotion

- 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



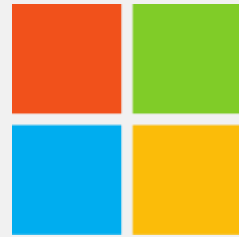
Proud Sponsor of

PeeringDB  Gold

Contact sponsorship@peeringdb.com for sponsorship info!

Thank you to our sponsors!

Diamond
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Microsoft

Platinum
Sponsors



Gold
Sponsors

e-shelter

facebook



Silver
Sponsors



PeeringDB Rebranding Launch 2019-02-22

- New branding and set of graphics that works together
- Captures the evolving scope of PeeringDB as a resource for peering and 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>

Internationalization Support

Search here for a network, IX, or facility.

[Advanced Search](#)

ghankins



[Nokia](#)
[Suggest Facility](#)
[Profile](#)
[Logout](#)

1. Go to Your Profile

Select language

English
English
Portuguese
Italian
Czech
Danish
German
French
Indonesian
Japanese
Russian
Telugu
Chinese

2. Choose Your Language and Click "Set language preference"

3. Text Now Appears in the Selected Language!

Afiliar-se à organização

Para afiliar com uma organização existente, favor inserir abaixo o ASN ou o nome da organização.

Para registrar uma nova organização de rede, favor inserir abaixo o ASN e o nome da organização.

Para registrar uma nova infraestrutura ou organização de ponto de troca, favor inserir abaixo o nome da organização (o ASN é opcional).

ASN

Organização

Afiliado

Current Translations

Language ▾	Translated ▾	Words ▾
Chinese (Simplified)	94.4%	83.3%
Chinese (Traditional)	94.4%	83.3%
Czech	84.2%	67.1%
Danish	29.6%	15.2%
English (United States)	0.0%	0.0%
French	88.9%	74.4%
German	100.0%	100.0%
Greek	89.2%	74.4%
Indonesian	0.0%	0.0%
Italian	86.5%	73.7%
Japanese	89.2%	74.3%
Portuguese	86.2%	73.4%
Romanian	0.0%	0.0%
Russian	87.8%	73.1%
Spanish	86.4%	73.4%
Telugu	0.0%	0.0%
Thai	0.0%	0.0%

Approved Good Falling 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 your 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/>
 - If ~80% translated it will go into production

For more info visit: <https://docs.peeringdb.com/translation/>

Mailing list: <https://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-translate>

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?