PeeringDB

Introduction to PeeringDB

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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

Romania and its Neighbours

Country	IX	Facilities	Networks at IXes	Networks in Facilities	Networks total	Networks in PeeringDB	Networks in RIR
BG	6	19	74	90	119	76	772
HU	1	6	40	44	56	30	277
MD	2	2	12	4	12	18	193
RO	4	28	105	100	146	95	1265
RS	1	4	25	6	28	16	191
UA	13	32	168	111	188	187	2232

The GUI // org view

Telekom Romania Communications S.A.

Edit

Website	http://www.telekom-wholesale.ro
Address 1	3-5 Piata Presei Libere, City Gate (North Tower)
Address 2	7th -18th floors
Location	Bucharest, 1st District, 013702
Country Code	RO
Notes	

Facilities

Filter

Name	Country City
Hosting Data Center Brasov	Romania Brasov
Hosting Data Center Bucharest	Romania Bucharest

Facilities are Shown Here
Telekom Romania has 2 Facilities

Networks

Filter

Name	ASN
BALCAN-IX Route Servers	24745
Telekom Romania Communications S.A.	9050

Networks are Shown Here
Telekom Romania has 2 Network Records

Exchanges

Filter

Name	Country City
Balcan-IX	Romania Bucharest

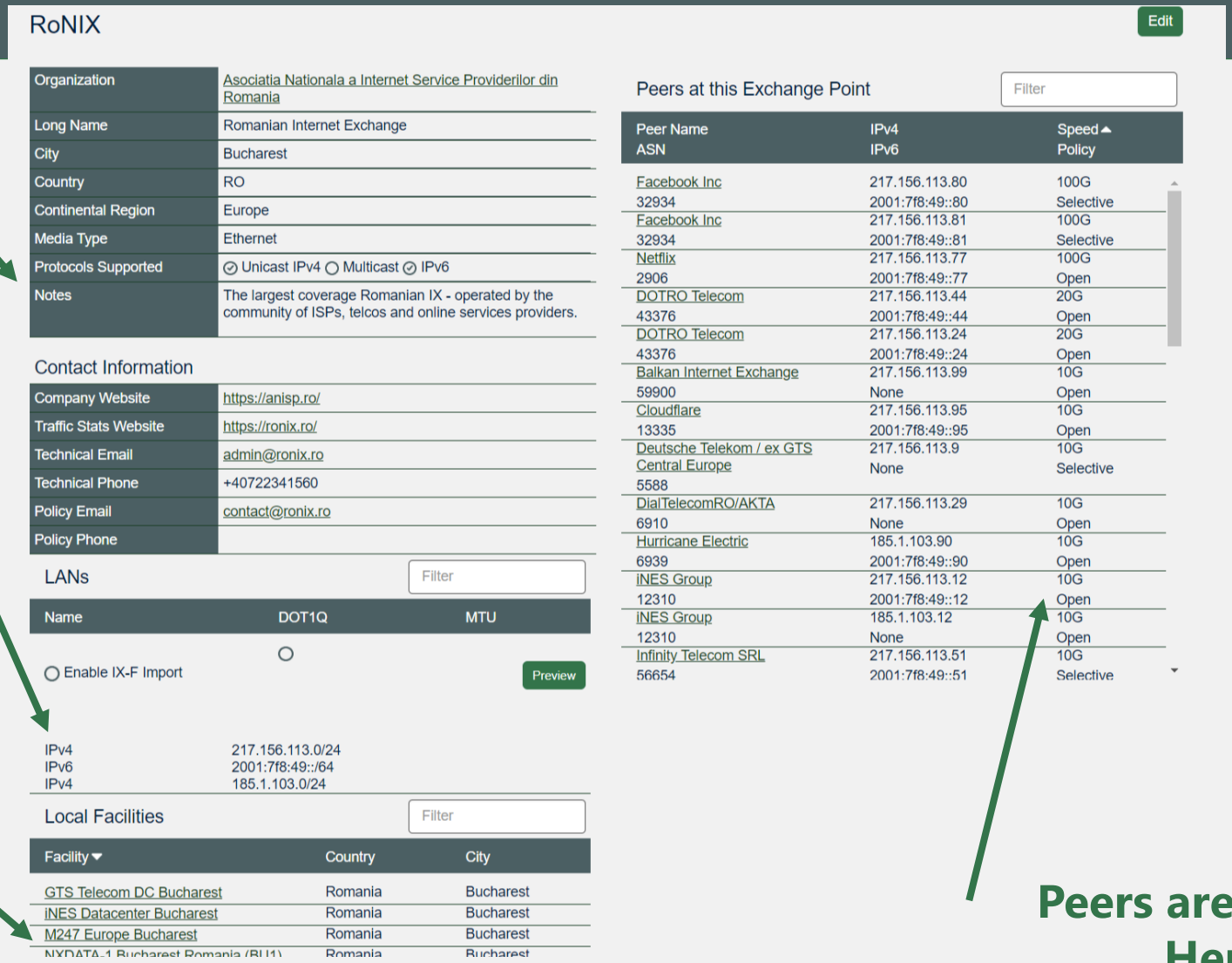
Exchanges are Shown Here
Telekom Romania has 1 Exchange Record

The GUI // ix View

IX Information is Shown Here

LAN Information is Shown Here
RoNIX has 2 IPFX Records

acility Information is Shown Here
RoNIX is in 5 Facilities



Peers are Shown Here

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"
    }
  ]
}
```

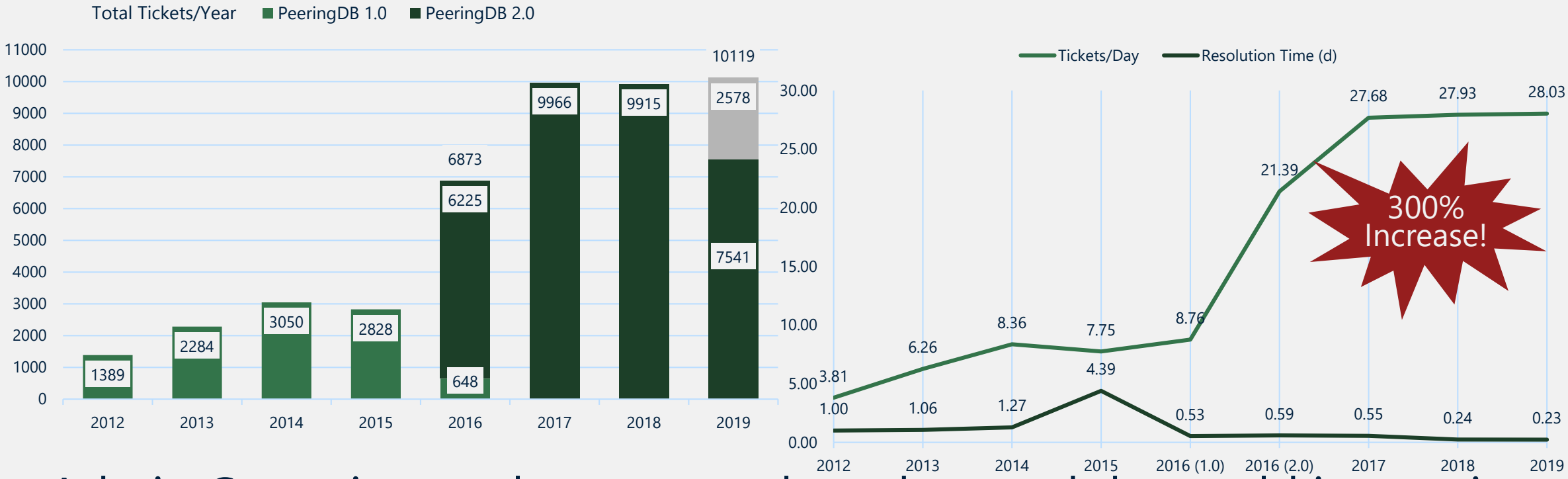
Governance and Membership

- 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	Operations Committee	Outreach Committee	Product Committee
• Manage administration of user accounts and PeeringDB records • Answer support tickets • Cleansing and completion of PeeringDB records	• Manage PeeringDB infrastructure	• Manage marketing and social media • Develop and maintain presentations, workshops and webinars • Coordinate presentations and attendance at events	• Manage roadmap and development priorities • Ask for input from the community on desired features • Write SoWs to solicit bids to complete requested features
Leads: Stefan Funke (Chair) Contact:admincom@lists.peeringdb.com	Leads: Job Snijders (Chair) and Aaron Hughes (Vice Chair) Contact: pdb-ops@lists.peeringdb.com	Leads: Greg Hankins (Chair) and Bijal Sanghani (Vice Chair) Contact: outreachcom@lists.peeringdb.com	Leads: Stephen McManus (Chair) and Matt Griswold (Vice Chair) Product Manager: Filiz Yilmaz Contact: productcom@lists.peeringdb.com

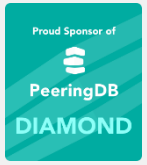
Support Ticket Statistics



- 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

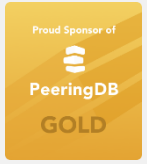
Become a PeeringDB Sponsor!

- 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

Contact sponsorship@peeringdb.com for sponsorship info!

Thank you to our sponsors!

Diamond Sponsor

amazon

Microsoft

Platinum Sponsors

BCIX Berlin Commercial Internet Exchange

DE CIX

Gold Sponsors

e-shelter

facebook

Convergence hub

Internet Society

IX AUSTRALIA powered by Internet Association of Australia

PREFIX IPv4 BROKER

Stealth COMMUNICATIONS

Silver Sponsors

anexia

amsix

APNIC

BBIX

cologix

DIGITAL REALTY

epsilon

gtt

interxion

jpix

KDDI

TELEHOUSE

lacnic

linx

NETNOD

NIX.CZ

NLIX

NTT Communications

NYIIX

LAIIX

RACK911 complex infrastructure solutions

RIPE NCC RIPE NETWORK COORDINATION CENTRE

SysEleven

TERACO AFRICA'S DATA CENTRE

zenlayer

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

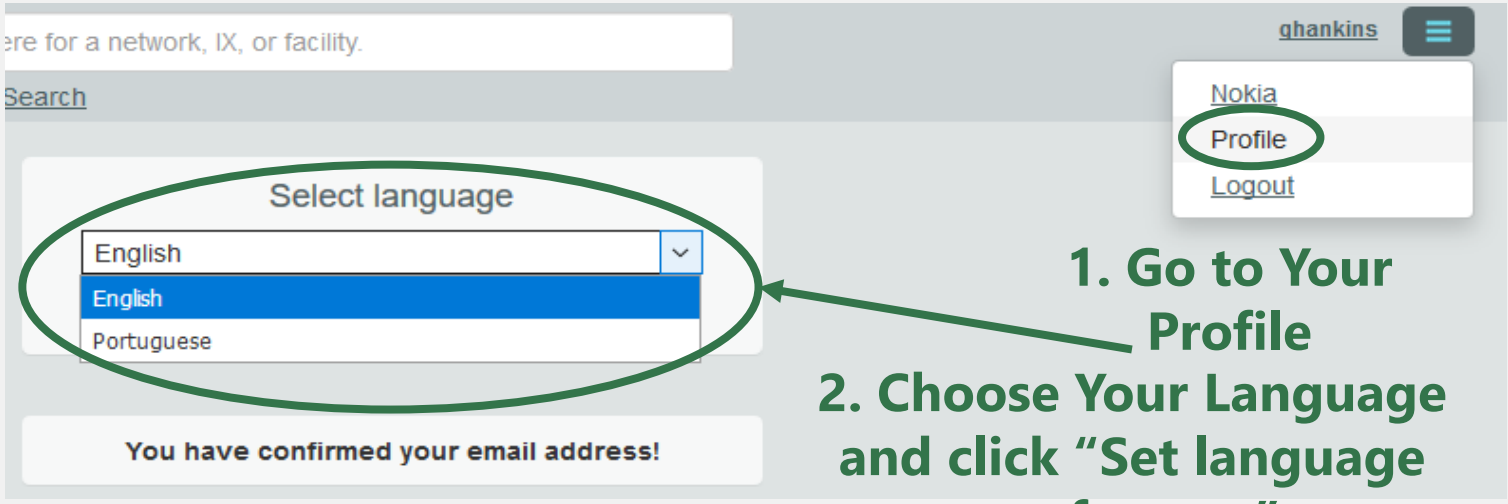
Steuererhöhungen, Kommunikationskontrolle, Gesellschaftsspaltung.

Filiz Yilmaz

Recent Developments - Highlights

- Product Committee Decision Making process
  - Reworkeded 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



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

translate.peeringdb.com/projects/peeringdb/#information

PeeringDB Translations | Dashboard | Projects | Languages

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	13132
Number of words	76133
Number of languages	19
Number of source strings	692
Number of source words	4015

Powered by Weblate 3.6.1 | About Weblate | Contact | Documentation | Donate to Weblate

PeeringDB Translations | Dashboard | Projects | Languages | Register | Login

PeeringDB

translated 58%

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

Language	Translated	Words
Arabic	19.8%	10.5%
Chinese (Simplified)	93.8%	81.4%
Chinese (Traditional)	90.6%	80.4%
Czech	77.3%	60.3%
Danish	27.2%	13.5%
English (United States)	0.0%	0.0%
French	81.8%	67.1%
German	100.0%	100.0%
Greek	82.2%	68.3%
Indonesian	0.0%	0.0%
Italian	79.5%	66.3%
Japanese	89.9%	84.9%
Portuguese	88.9%	79.0%
Romanian	100.0%	100.0%
Russian	80.6%	65.8%
Spanish (Spain)	82.1%	70.6%
Telugu	0.0%	0.0%
Thai	0.0%	0.0%
Turkish	11.6%	4.4%

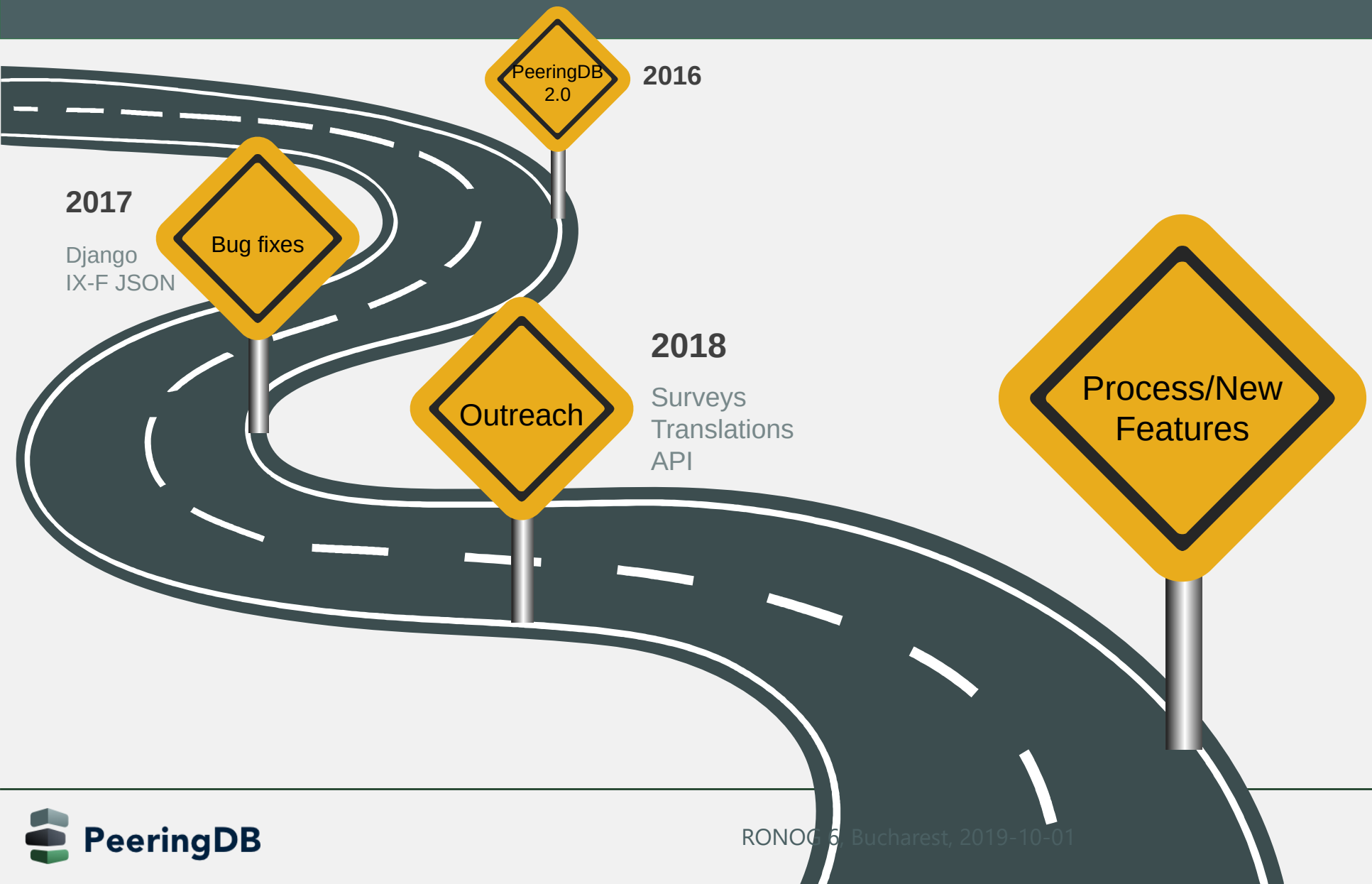
Product Update - Next release and Discussions

- 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

PeeringDB

Questions?