



Orientações no preenchimento de participantes do IX.br

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GTER 43
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Foz do Iguaçu, PR - Brasil

Resumo

Esta apresentação visa exibir dificuldades percebidas durante o preenchimento de dados de participantes do IX.br no *PeeringDB*.

Apresentaremos o atual cenário Brasileiro do ponto de vista do *PeeringDB*, alguns erros no preenchimento e como evitá-los.

Abordaremos o manual do *PeeringDB* feito pelo IX.br para orientar os seus participantes além de recursos de busca e estatísticas da plataforma.

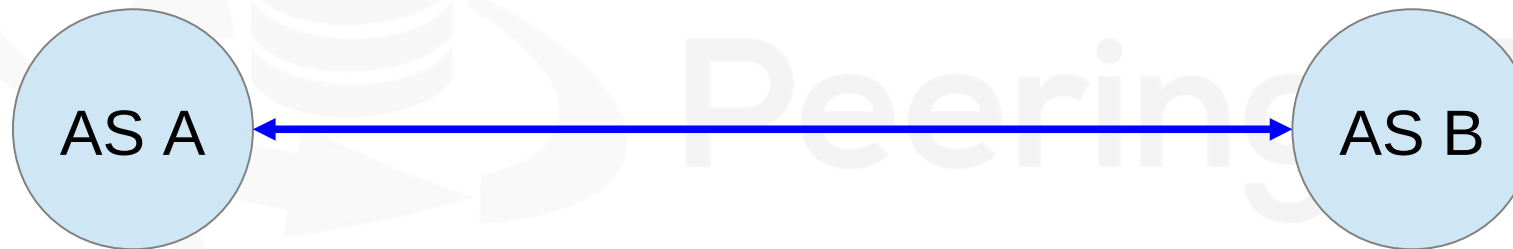
Motivação

Muitas informações incorretas de participantes do IX.br no *PeeringDB*.

- Pedido de correções de participantes
- Participantes utilizando ASN incorreto
- Desativações de participantes
- Alterações de endereçamento de localidades

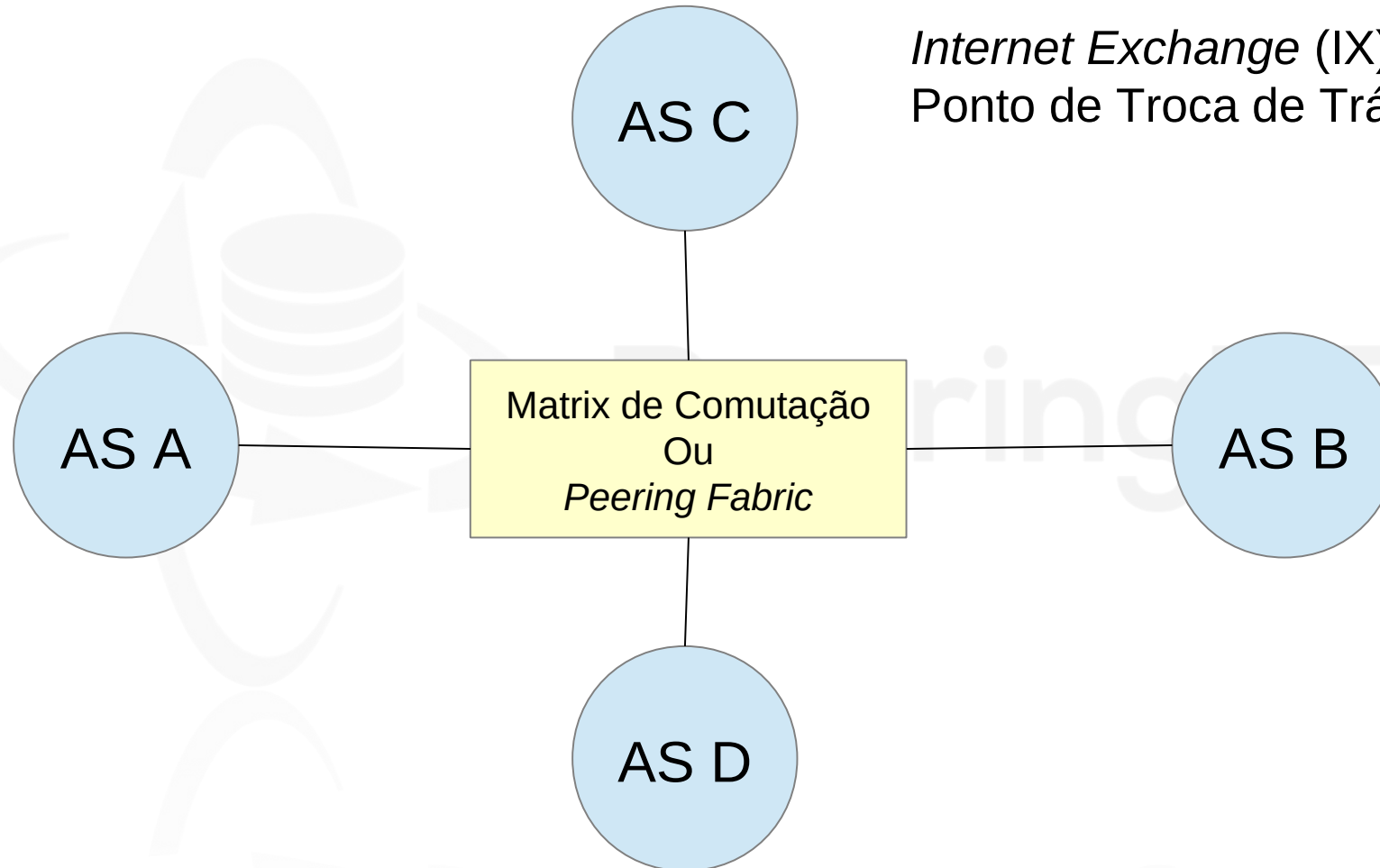
O que é *Peering*?

Peering ou *Internet Peering* = Troca de Tráfego Internet



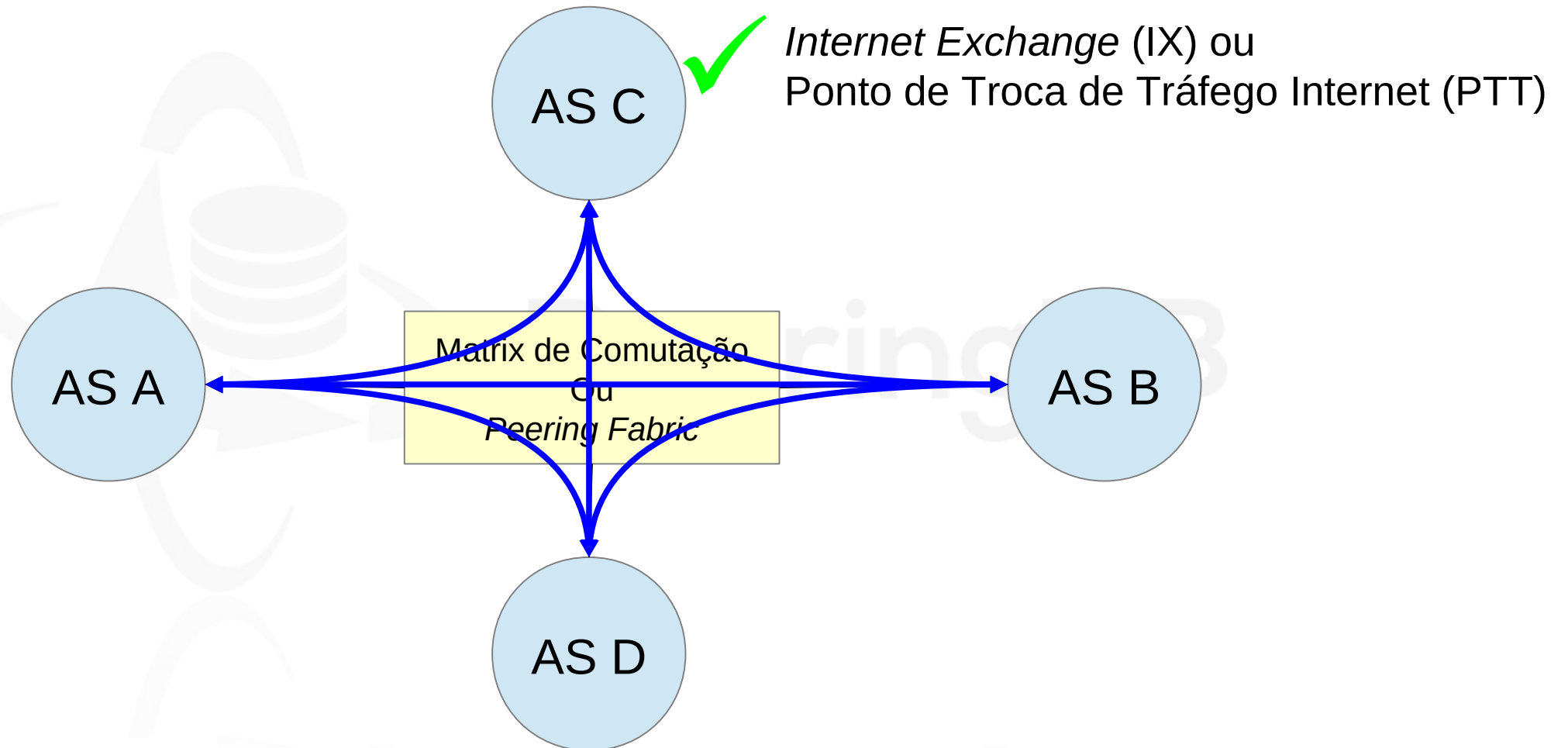
Relacionamento entre Sistemas Autônomos (AS)

O que é *Peering*?



Internet Exchange (IX) ou
Ponto de Troca de Tráfego Internet (PTT)

O que é *Peering*?



O que é o *PeeringDB*?

O *PeeringDB* é um projeto internacional que tem o objetivo de facilitar a troca de informações relacionadas a *peering* (acordos de troca de tráfego) e conta com o apoio e patrocínio dos principais ASNs e IXPs (*Internet Exchange Points*) do mundo.

Desde 2004, trata-se de um registro de organizações e Sistemas Autônomo em banco de dados com informações dos locais em que fazem troca de tráfego (*peering*), e qual a política de *peering* que possuem.

O que é o *PeeringDB*?

Basicamente é uma resposta a pergunta:
Com quem posso trocar tráfego e onde?

O fato de seu AS estar cadastrado no *PeeringDB* aumenta consideravelmente as suas possibilidades de realizar *peering*, pois suas informações ganham maior visibilidade para o mundo.

PeeringDB 2.1

A plataforma já está na versão 2.1

Algumas funcionalidades são desenvolvidas baseado nas solicitações da comunidade:

- *Facilities* e *Exchanges* podem atualizar suas próprias informações.

Facilidades para o usuário:

Gestão mais simples com uma única conta para *network*, *facility* e *exchange*;

Um único usuário pode gerenciar múltiplas organizações;

Possibilidade de gerenciamento de usuários e atribuição de níveis de acesso.

PeeringDB & Informações de AS

É altamente recomendável que todos os Sistemas Autônomos interessados em realizar *peering* mantenham os dados atualizados no *PeeringDB*, uma vez que muitas redes têm como política de *peering* somente trocar tráfego com redes cadastradas no *PeeringDB*.

Todas informações devem ser atualizadas pelo próprio AS/usuário.

PeeringDB & Informações de AS

Para cadastrar utilize um e-mail corporativo que possua algum vínculo com o AS, de forma a facilitar a análise e validação de sua conta pelos administradores do projeto.

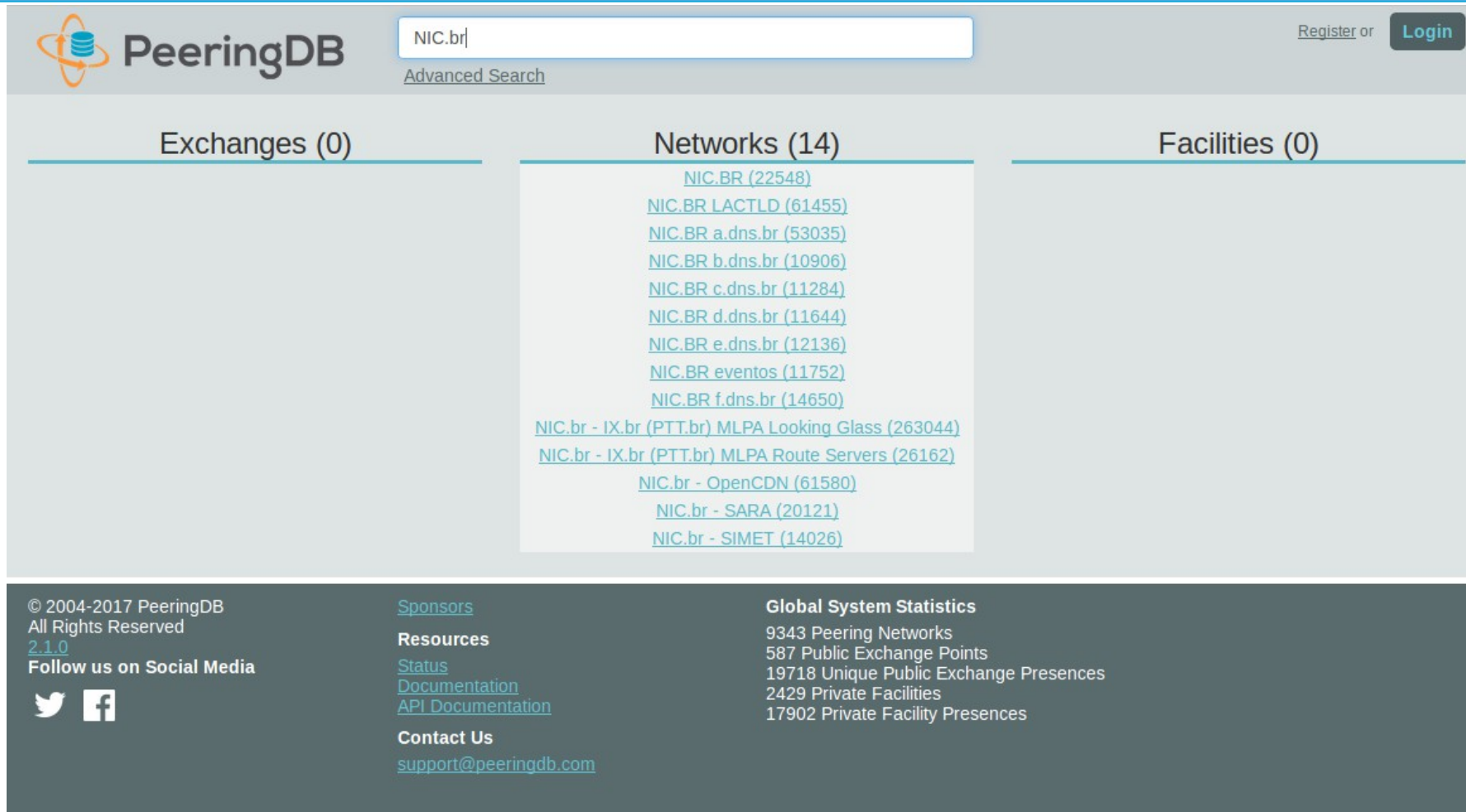
A equipe do *PeeringDB* recomenda que as informações dos Sistemas Autônomos no *whois* (e.g. Registro.br) estejam atualizadas.

Em caso de dúvidas ou erros no *PeeringDB* entre em contato com os responsáveis pelo projeto em Inglês ou Português.

A equipe costuma responder rápido.

Contato: support@peeringdb.com

PeeringDB – Consulta Pública



The screenshot shows the PeeringDB website interface. At the top left is the PeeringDB logo. To its right is a search bar containing the text 'NIC.br|' and a button labeled 'Advanced Search'. Further right are links for 'Register or Login'. Below the search bar, the page is divided into three columns: 'Exchanges (0)', 'Networks (14)', and 'Facilities (0)'. The 'Networks (14)' column contains a list of network entries with their respective AS numbers in parentheses. At the bottom of the page, there is a footer section with copyright information, social media links, and global system statistics.

PeeringDB



NIC.br| [Advanced Search](#) [Register or Login](#)

Exchanges (0)

Networks (14)

- [NIC.BR \(22548\)](#)
- [NIC.BR LACTLD \(61455\)](#)
- [NIC.BR a.dns.br \(53035\)](#)
- [NIC.BR b.dns.br \(10906\)](#)
- [NIC.BR c.dns.br \(11284\)](#)
- [NIC.BR d.dns.br \(11644\)](#)
- [NIC.BR e.dns.br \(12136\)](#)
- [NIC.BR eventos \(11752\)](#)
- [NIC.BR f.dns.br \(14650\)](#)
- [NIC.br - IX.br \(PTT.br\) MLPA Looking Glass \(263044\)](#)
- [NIC.br - IX.br \(PTT.br\) MLPA Route Servers \(26162\)](#)
- [NIC.br - OpenCDN \(61580\)](#)
- [NIC.br - SARA \(20121\)](#)
- [NIC.br - SIMET \(14026\)](#)

Facilities (0)

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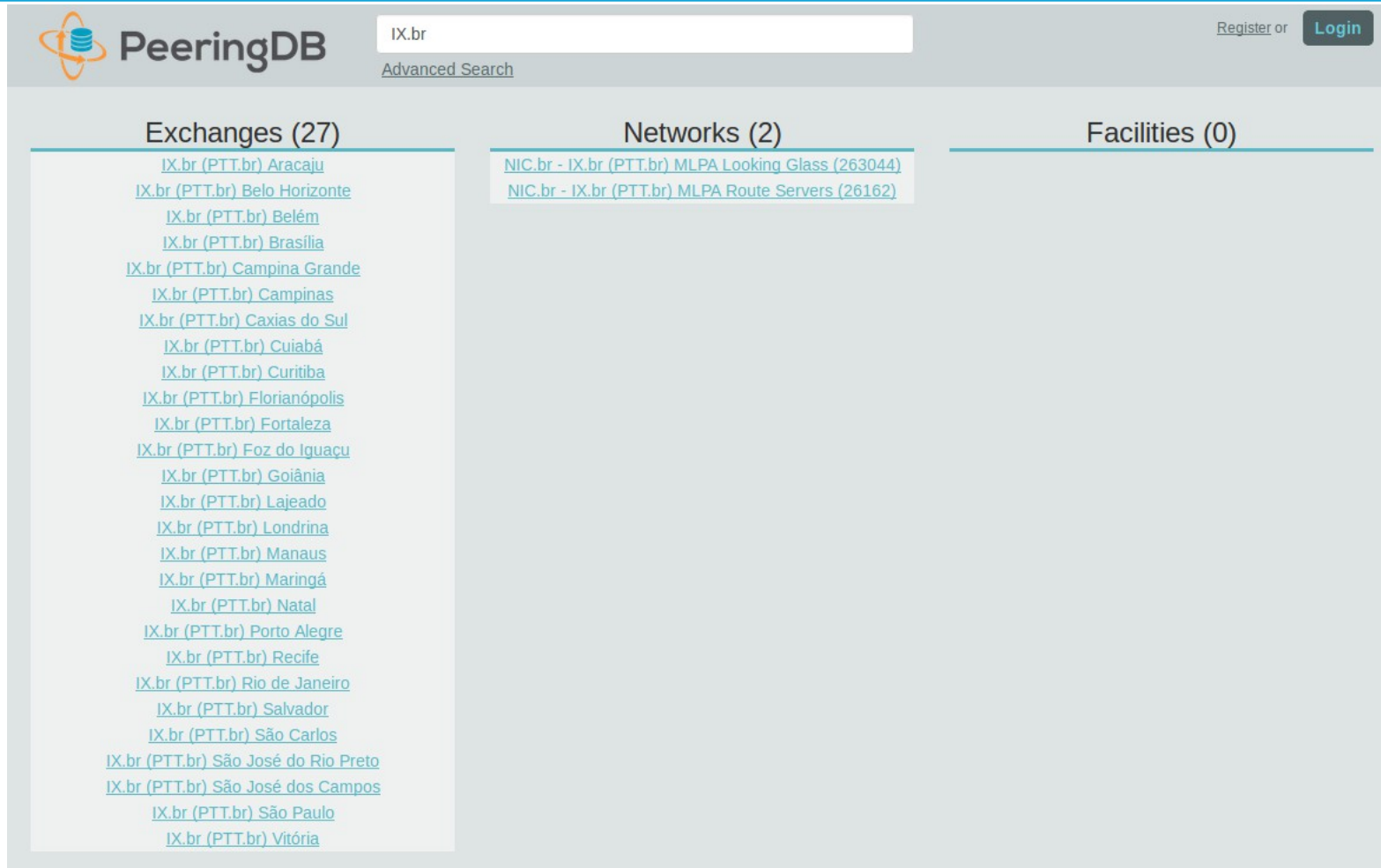
Sponsors

Resources
[Status](#)
[Documentation](#)
[API Documentation](#)

Contact Us
support@peeringdb.com

Global System Statistics
9343 Peering Networks
587 Public Exchange Points
19718 Unique Public Exchange Presences
2429 Private Facilities
17902 Private Facility Presences

PeeringDB – Consulta Pública



The screenshot shows the PeeringDB website interface. At the top left is the PeeringDB logo. To its right is a search bar containing the text "IX.br" and a "Login" button. Below the search bar is a link for "Advanced Search". The main content area is divided into three columns: "Exchanges (27)", "Networks (2)", and "Facilities (0)".

Exchanges (27)

- [IX.br \(PTT.br\) Aracaju](#)
- [IX.br \(PTT.br\) Belo Horizonte](#)
- [IX.br \(PTT.br\) Belém](#)
- [IX.br \(PTT.br\) Brasília](#)
- [IX.br \(PTT.br\) Campina Grande](#)
- [IX.br \(PTT.br\) Campinas](#)
- [IX.br \(PTT.br\) Caxias do Sul](#)
- [IX.br \(PTT.br\) Cuiabá](#)
- [IX.br \(PTT.br\) Curitiba](#)
- [IX.br \(PTT.br\) Florianópolis](#)
- [IX.br \(PTT.br\) Fortaleza](#)
- [IX.br \(PTT.br\) Foz do Iguaçu](#)
- [IX.br \(PTT.br\) Goiânia](#)
- [IX.br \(PTT.br\) Lajeado](#)
- [IX.br \(PTT.br\) Londrina](#)
- [IX.br \(PTT.br\) Manaus](#)
- [IX.br \(PTT.br\) Maringá](#)
- [IX.br \(PTT.br\) Natal](#)
- [IX.br \(PTT.br\) Porto Alegre](#)
- [IX.br \(PTT.br\) Recife](#)
- [IX.br \(PTT.br\) Rio de Janeiro](#)
- [IX.br \(PTT.br\) Salvador](#)
- [IX.br \(PTT.br\) São Carlos](#)
- [IX.br \(PTT.br\) São José do Rio Preto](#)
- [IX.br \(PTT.br\) São José dos Campos](#)
- [IX.br \(PTT.br\) São Paulo](#)
- [IX.br \(PTT.br\) Vitória](#)

Networks (2)

- [NIC.br - IX.br \(PTT.br\) MLPA Looking Glass \(263044\)](#)
- [NIC.br - IX.br \(PTT.br\) MLPA Route Servers \(26162\)](#)

Facilities (0)

PeeringDB – Consulta Pública

Secure https://www.peeringdb.com/net/433

PeeringDB Search here for a network, IX, or facility. Register or Login

Advanced Search

Google Inc. Platinum Sponsor

| | |
|---------------------|--|
| Organization | Google Inc. |
| Also Known As | Google, YouTube (for Google Fiber see AS16591 record) |
| Company Website | https://www.google.com/ |
| Primary ASN | 15169 |
| IRR Record | AS-GOOGLE |
| Route Server URL | |
| Looking Glass URL | |
| Network Type | Content |
| IPv4 Prefixes | 15000 |
| IPv6 Prefixes | 750 |
| Traffic Levels | Not Disclosed |
| Traffic Ratios | Mostly Outbound |
| Geographic Scope | Global |
| Protocols Supported | <input checked="" type="checkbox"/> Unicast IPv4 <input type="checkbox"/> Multicast <input checked="" type="checkbox"/> IPv6 |
| Last Updated | 2017-01-05T14:08:35Z |
| Notes | Peering Operational Issues: Contact noc@google.com 24x7 Peering Requests: https://isp.google.com/iwantpeering |


Public Peering Exchange Points

Filter

| Exchange ASN | IPv4 IPv6 | Speed RS Peer |
|--|--|---|
| IX.br (PTT.br) Rio de Janeiro 15169 | 45.6.52.32 2001:12f8:0:2::32 | 200G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) São Paulo 15169 | 187.16.216.55 2001:12f8::55 | 500G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) São Paulo 15169 | 187.16.218.58 2001:12f8::218:58 | 500G <input checked="" type="checkbox"/> |
| IXPN Lagos 15169 | 196.216.148.25 | 20G <input checked="" type="checkbox"/> |
| InterLAN 15169 | 86.104.125.129 2001:7f8:64:225:0:1:5169:1 | 20G <input checked="" type="checkbox"/> |
| JINX 15169 | 196.223.14.41 2001:43f8:1f0::41 | 10G <input checked="" type="checkbox"/> |
| JPIX 15169 | 210.171.224.96 2001:de8:8::1:5169:2 | 100G <input type="checkbox"/> |
| JPIX 15169 | 210.171.224.95 2001:de8:8::1:5169:1 | 100G <input type="checkbox"/> |
| JPIX OSAKA 15169 | 103.246.232.95 2001:de8:8:6:0:1:5169:1 | 40G <input type="checkbox"/> |
| JPNAP Osaka 15169 | 210.173.178.56 2001:7fa:7:2:0:1:5169:1 | 100G <input type="checkbox"/> |
| JPNAP Tokyo 15169 | 210.173.176.245 2001:7fa:7:1:0:1:5169:2 | 200G <input type="checkbox"/> |
| JPNAP Tokyo 15169 | 210.173.176.243 2001:7fa:7:1:0:1:5169:1 | 200G <input type="checkbox"/> |

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← → ↻ Secure <https://www.peeringdb.com/net/457> ☆

 Search here for a network, IX, or facility. Register or [Login](#)

[Advanced Search](#)

Netflix


| | |
|----------------------------|---|
| Organization | Netflix |
| Also Known As | |
| Company Website | http://www.netflix.com/ |
| Primary ASN | 2906 |
| IRR Record | as-nflx |
| Route Server URL | |
| Looking Glass URL | |
| Network Type | Content |
| IPv4 Prefixes | 250 |
| IPv6 Prefixes | 13 |
| Traffic Levels | 1 Tbps+ |
| Traffic Ratios | Mostly Outbound |
| Geographic Scope | Global |
| Protocols Supported | <input checked="" type="checkbox"/> Unicast IPv4 <input type="checkbox"/> Multicast <input checked="" type="checkbox"/> IPv6 |
| Last Updated | 2016-08-01T17:47:11Z |
| Notes | ***NOTE ON netflix.com and local country websites *** Our websites, for example http://www.netflix.com or http://www.netflix.com.br , are hosted on AWS in the US and EU only. Peering with Netflix provides connectivity to our CDN, not to these web presences. Viewing traceroutes |

Public Peering Exchange Points

Filter

| Exchange ASN | IPv4 IPv6 | Speed RS Peer |
|---|--|---|
| IX.br (PTT.br) Fortaleza 2906 | 200.219.146.56 2001:12f8:0:9::56 | 70G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) Fortaleza 2906 | 200.219.146.55 2001:12f8:0:9::55 | 70G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) Porto Alegre 2906 | 200.219.143.90 2001:12f8:0:6::2906 | 80G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) Porto Alegre 2906 | 200.219.143.120 2001:12f8:0:6::b:2906 | 80G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) Rio de Janeiro 2906 | 45.6.52.42 2001:12f8:0:2::42 | 80G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) Rio de Janeiro 2906 | 45.6.52.189 2001:12f8:0:2::189 | 80G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) São Paulo 2906 | 187.16.220.83 2001:12f8::220:83 | 300G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) São Paulo 2906 | 187.16.223.20 2001:12f8::223:20 | 300G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) São Paulo 2906 | 187.16.223.131 2001:12f8::223:131 | 130G <input checked="" type="checkbox"/> |
| IX.br (PTT.br) São Paulo 2906 | 187.16.217.185 2001:12f8::217:185 | 130G <input checked="" type="checkbox"/> |
| JPIX 2906 | 210.171.224.222 2001:de8:8::2906:2 | 10G <input checked="" type="checkbox"/> |
| JPIX 2906 | 210.171.224.221 2001:de8:8::2906:1 | 10G <input checked="" type="checkbox"/> |
| JPNAP Tokyo | 210.173.176.154 | 100G |

PeeringDB – Consulta Pública

 **PeeringDB** [Register or Login](#)
[Advanced Search](#)

Exchanges (302)

- [AAIX](#)
- [ACTIX](#)
- [AIXP](#)
- [AKL-IX](#)
- [ALB-IX](#)
- [AMS-IX](#)
- [AMS-IX Caribbean](#)
- [AMS-IX Hong Kong](#)
- [AMS-IX India](#)
- [ASIX6](#)
- [AZIX](#)
- [Angola-IXP / ANG-IX](#)
- [ArmIX](#)
- [B-IX](#)
- [BBIX Fukuoka](#)
- [BBIX Hong Kong](#)
- [BBIX Nagoya](#)
- [BBIX Osaka](#)
- [BBIX Singapore](#)
- [BBIX Tokyo](#)
- [BCIX](#)
- [BDIX](#)
- [BFIK](#)
- [BFIK Burkina Faso](#)
- [BINX](#)
- [BIX Bahrain](#)
- [BIX Bergen](#)
- [BIX Jakarta](#)
- [BIX.BG](#)
- [BKNIX](#)

Networks (54)

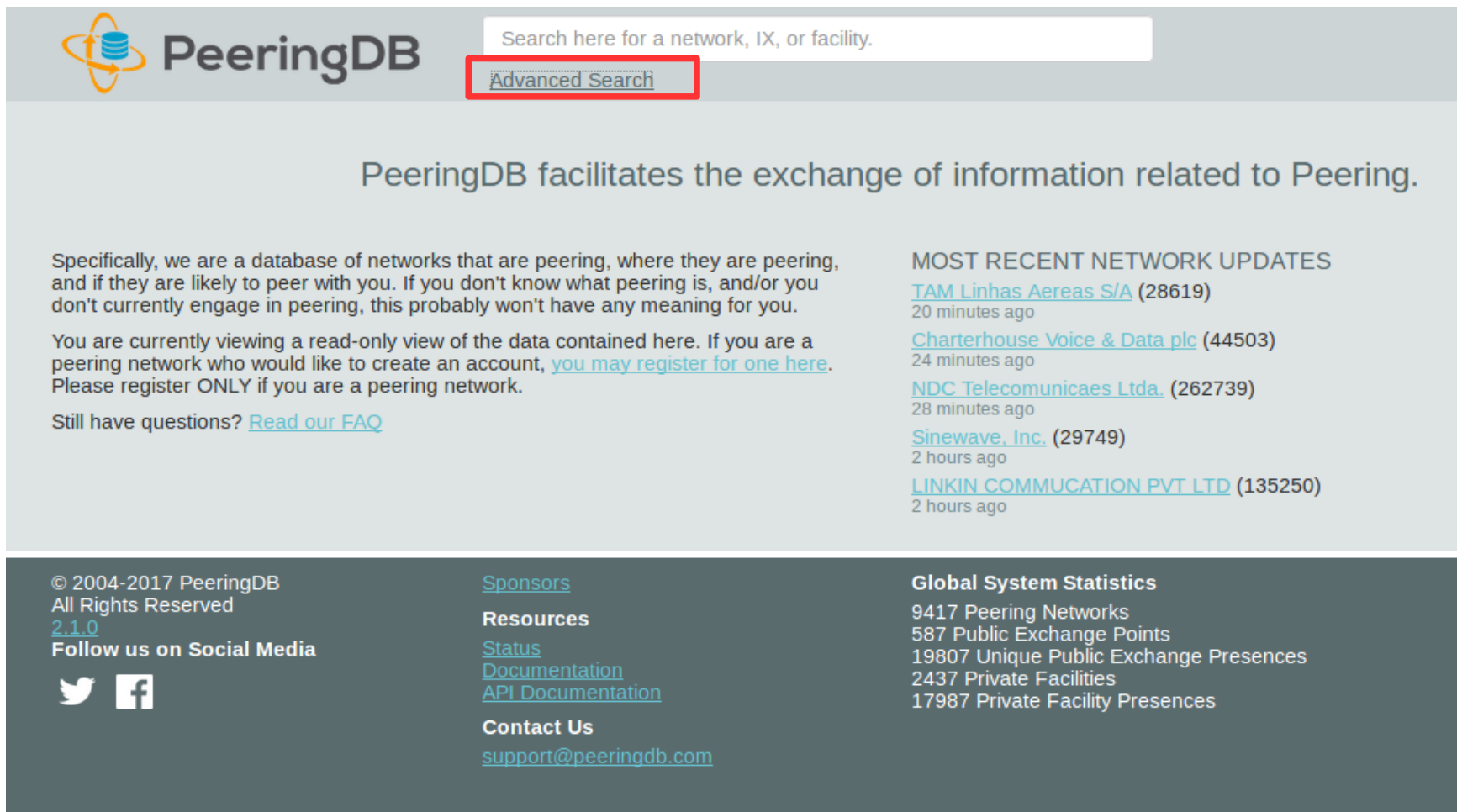
- [Amsterdam Internet Exchange BV \(1200\)](#)
- [Arusha Internet Exchange Point \(327852\)](#)
- [Bahrain Internet Exchange \(35019\)](#)
- [Balkan Internet Exchange \(59900\)](#)
- [Blueberry Telecom Global Pte Ltd \(131285\)](#)
- [CAT TELECOM PUBLIC COMPANY LIMITED \(4651\)](#)
- [CIX \(47720\)](#)
- [CNIX \(49634\)](#)
- [Cairo Internet eXchange Point \(24736\)](#)
- [CentralIX \(2851\)](#)
- [China Internet Exchange\(CNIX\) Route Servers \(63602\)](#)
- [Connected sp. z o.o. \(49102\)](#)
- [Digital Realty | Telx Route Servers \(32299\)](#)
- [European Commercial Internet Exchange Route Servers \(9033\)](#)
- [FL-IX \(Florida Internet Exchange\) \(63221\)](#)
- [Gelderland Internet Exchange \(43190\)](#)
- [Haiti Internet eXchange \[HIX\] \(28056\)](#)
- [Halifax Internet Exchange \(13770\)](#)
- [Hong Kong Internet Exchange \(HKIX\) Route Servers \(4635\)](#)
- [InterLAN Route Servers \(39107\)](#)
- [KIVIX Route Servers \(29616\)](#)
- [Kenya Internet Exchange Point Mombasa - KIXP-MBA \(37770\)](#)
- [Kenya Internet Exchange Point Nairobi - KIXP-NBO \(37704\)](#)
- [London Internet Exchange \(LINX\) \(5459\)](#)
- [MGIX Route Servers \(37887\)](#)
- [MIX-IT Services \(16004\)](#)
- [Malaysia Internet Exchange \(MyIX\) \(55822\)](#)

Facilities (4)


- ["CGIX" Congolese Internet Exchange Point](#)
- [Cork Internet Exchange](#)
- [IS Cape Town \(Cape Town Internet Exchange\)](#)
- [Millenium Internet Exchange \(Ebene\)](#)

DB

PeeringDB – Consulta avançada



The screenshot shows the PeeringDB website interface. At the top left is the PeeringDB logo. To its right is a search bar with the placeholder text "Search here for a network, IX, or facility." Below the search bar is a red-bordered button labeled "Advanced Search". The main content area features a heading "PeeringDB facilitates the exchange of information related to Peering." followed by two columns of text. The left column explains the database's purpose and provides a link to the FAQ. The right column lists "MOST RECENT NETWORK UPDATES" with five entries, each including a network name, AS number, and time since update. The footer is divided into three sections: copyright information, social media links, and a list of global system statistics.

 **PeeringDB** Search here for a network, IX, or facility. [Advanced Search](#)

PeeringDB facilitates the exchange of information related to Peering.



Specifically, we are a database of networks that are peering, where they are peering, and if they are likely to peer with you. If you don't know what peering is, and/or you don't currently engage in peering, this probably won't have any meaning for you.

You are currently viewing a read-only view of the data contained here. If you are a peering network who would like to create an account, [you may register for one here](#). Please register **ONLY** if you are a peering network.

Still have questions? [Read our FAQ](#)

MOST RECENT NETWORK UPDATES

- [TAM Linhas Aereas S/A \(28619\)](#)
20 minutes ago
- [Charterhouse Voice & Data plc \(44503\)](#)
24 minutes ago
- [NDC Telecomunicaes Ltda. \(262739\)](#)
28 minutes ago
- [Sinewave, Inc. \(29749\)](#)
2 hours ago
- [LINKIN COMMUCATION PVT LTD \(135250\)](#)
2 hours ago

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[2.1.0](#)
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Global System Statistics
9417 Peering Networks
587 Public Exchange Points
19807 Unique Public Exchange Presences
2437 Private Facilities
17987 Private Facility Presences

PeeringDB – Consulta avançada

PeeringDB Search here for a network, IX, or facility. Register or Login

Advanced Search

Exchanges Networks Facilities

Name

City

Country ctrl/cmd click to select multiple
Bonaire, Sint Eustatius and Saba
Bosnia and Herzegovina
Botswana
Bouvet Island
Brazil
British Indian Ocean Territory
Brunei

Continental Region ctrl/cmd click to select multiple
North America
Asia Pacific
Europe
South America
Africa
Australia
Middle East


IP Block

Media Type ctrl/cmd click to select multiple
Ethernet
ATM
Multiple

Reset Search

| Name | Media Type | Country | City |
|--|------------|---------|-------------------|
| IX.br (PTT.br) Aracaju IX.br (PTT.br) Aracaju | Ethernet | BR | Aracaju/SE |
| IX.br (PTT.br) Belo Horizonte PTT Belo Horizonte | Ethernet | BR | Belo Horizonte/MG |
| IX.br (PTT.br) Belém PTT Belem | Ethernet | BR | Belem/PA |
| IX.br (PTT.br) Brasília PTT Brasilia | Ethernet | BR | Brasilia/DF |
| IX.br (PTT.br) Campina Grande IX.br (PTT.br) Campina Grande | Ethernet | BR | Campina Grande/PB |
| IX.br (PTT.br) Campinas PTT Campinas | Ethernet | BR | Campinas/SP |
| IX.br (PTT.br) Caxias do Sul PTT Caxias do Sul | Ethernet | BR | Caxias do Sul/RS |

PeeringDB – Consulta avançada

 **PeeringDB** [Register](#) or [Login](#)

[Advanced Search](#)

[Exchanges](#) [Networks](#) **Facilities**

Name Management

Address CLLI

City / State / Postal NPA-NXX

Country
ctrl/cmd click to select multiple

- Bouvet Island
- Brazil**
- British Indian Ocean Territory
- Brunei
- Bulgaria
- Burkina Faso
- Burundi

| Name | CLLI NPA-NXX | City Country | State Postal Code | Networks |
|--|------------------|-----------------------------|---------------------------|----------|
| Ananke Management suporte@ananke.com.br | - | Sao Paulo BR | SP 01314000 | 0 |
| ASAP Global Telecom ASAP GLOBAL TELECOM LTDA | - | Sao Paulo BR | SP 04719-002 | 1 |
| Ascenty DataCenters e Telecom Ascenty DataCenters Locacao e Servicos LTDA | - | Campinas BR | Sao Paulo 13069-320 | 2 |
| Ativas Ativas | - | Belo Horizonte BR | MG - | 3 |
| AW Telecom AW TELECOM LTDA - ME | 55 1733640025 | São José do Rio Preto BR | São Paulo 15025600 | 0 |
| B-BRIX - SPO1 Backbone-BR Servicos em Telecom | - | Barueri BR | SP 06460-120 | 0 |
| CENTURY TELECOM LTDA CENTURY TELECOM | - | Belo Horizonte BR | Minas Gerais 30240-360 | 0 |
| Claudio Evangelista da Silva PG Net Comercio de Comp. LTDA | - | Praia Grande BR | São Paulo 11701-000 | 0 |
| Clean Net Telecom Clean Net Telecom | - | Campo Bom BR | RS 93700000 | 2 |
| Commcorp Porto Alegre (PAE1) Commcorp Telecom | - | Porto Alegre BR | RS 90010-230 | 4 |

IX.br(PTT.br) – Guia *PeeringDB*

Em 2013 a equipe do PTT.br publicou a primeira versão do:

Guia de cadastro de informações de ASNs no *PeeringDB*:

<http://ix.br/doc/PeeringDB.20130726.pdf>

A versão atualizada do Guia está na URL abaixo:

<http://ix.br/doc/PeeringDB.pdf>

IX.br(PTT.br) – Guia *PeeringDB*

A seguir será apresentado um passo a passo de como se cadastrar no *PeeringDB* e informar os locais onde realiza *peering* e política de *peering*.

É importante ressaltar que apenas as informações de *peering* serão públicas, sendo que as informações pessoais serão mantidas em privado caso o usuário queira.

Obs: as informações desse guia não devem ser seguidas a risca, são apenas exemplos para orientar no preenchimento do cadastro dos interessados.

IX.br(PTT.br) – Guia *PeeringDB*

https://www.peeringdb.com

PeeringDB

Search here for a network, IX, or facility. [Advanced Search](#)

Register or [Login](#)

PeeringDB facilitates the exchange of information related to Peering.

Specifically, we are a database of networks that are peering, where they are peering, and if they are likely to peer with you. If you don't know what peering is, and/or you don't currently engage in peering, this probably won't have any meaning for you.

You are currently viewing a read-only view of the data contained here. If you are a peering network who would like to create an account, [you may register for one here](#). Please register ONLY if you are a peering network.

Still have questions? [Read our FAQ](#)

MOST RECENT NETWORK UPDATES

- [Wirulink Pty Ltd](#) (37564) 3 minutes ago
- [Phonoscope](#) (22442) 5 minutes ago
- [Blackfoot Communications Inc](#) (21947) 30 minutes ago
- [tw telecom](#) (4323) 44 minutes ago
- [DIAMATRIX](#) (327979) 2 hours ago

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Global System Statistics
6259 Peering Networks
634 Public Exchange Points
16351 Unique Public Exchange Presences
2050 Private Facilities
15176 Private Facility Presences

- Acessar a URL <https://www.peeringdb.com>

IX.br(PTT.br) – Guia *PeeringDB*

← | https://www.peeringdb.com | Pesquisar

 **PeeringDB** Search here for a network, IX, or facility. [Register](#) [Login](#)

[Advanced Search](#)

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MOST RECENT NETWORK UPDATES

- [Wirulink Pty Ltd \(37564\)](#)
3 minutes ago
- [Phonoscope \(22442\)](#)
5 minutes ago
- [Blackfoot Communications Inc \(21947\)](#)
30 minutes ago
- [tw telecom \(4323\)](#)
44 minutes ago
- [DIAMATRIX \(327979\)](#)
2 hours ago

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2.0.9

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Global System Statistics
6259 Peering Networks
634 Public Exchange Points
16351 Unique Public Exchange Presences
2050 Private Facilities
15176 Private Facility Presences

- Clicar em Register

IX.br(PTT.br) – Guia *PeeringDB*



The screenshot shows the PeeringDB website's registration page. The browser address bar displays 'https://www.peeringdb.com/register'. The page header includes the PeeringDB logo, a search bar with the text 'Search here for a network, IX, or facility.', and links for 'Register or Login'. The main content area features a 'Create account' form, which is highlighted with a red border. The form contains the following fields: Username, Password, Confirm password, Email, First name, and Last name. Below these fields is a reCAPTCHA widget with the text 'Não sou um robô' and a 'Create' button. The footer of the page contains copyright information, links to Sponsors, Resources (Documentation, API Documentation), Contact Us (support@peeringdb.com), and Global System Statistics.

- Entrar com os dados do novo usuário
- digitar o usuário desejado
- - digitar a senha desejada
- - confirmar a senha
- - digitar um e-mail
- digitar o First name
- - digitar um Last Name
- - marcar a opção “Não sou um robô”
- Clicar em “Create”

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All Rights Reserved
2.0.9

[Sponsors](#)
Resources
[Documentation](#)
[API Documentation](#)
Contact Us
support@peeringdb.com

Global System Statistics
6259 Peering Networks
634 Public Exchange Points
16351 Unique Public Exchange Presences
2050 Private Facilities
15176 Private Facility Presences

IX.br(PTT.br) – Guia *PeeringDB*



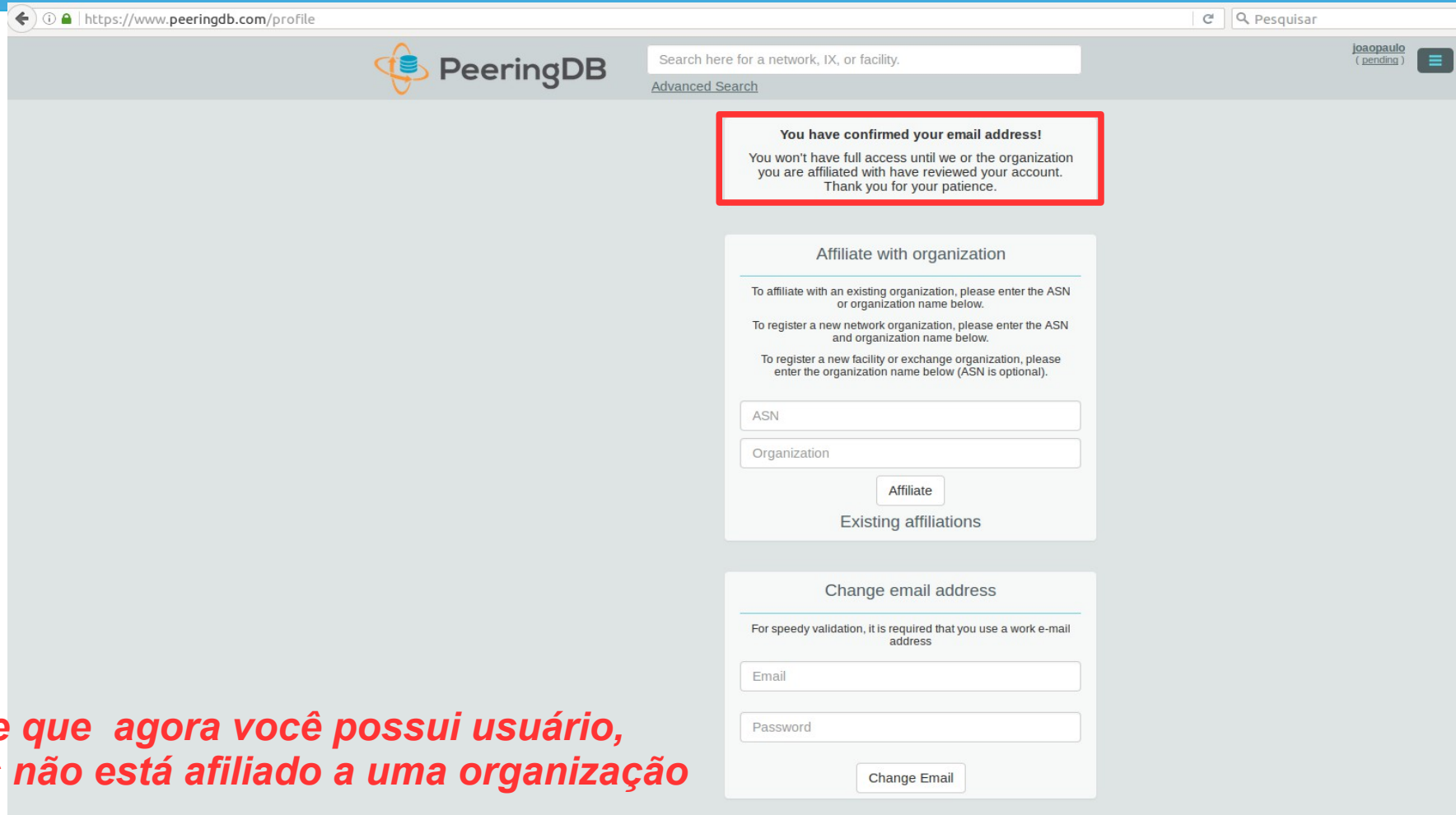
The screenshot shows the PeeringDB website's verification page. The browser address bar displays "https://www.peeringdb.com/verify". The page header includes the PeeringDB logo, a search bar with the text "Search here for a network, IX, or facility.", and a user profile for "joapaulo (unverified)".

The main content area features three forms:

- Email Confirmation:** A red-bordered box containing the text "Email Confirmation" and "Before getting access to any other features, you need to confirm your email address." Below this, it states "We have sent you a message containing the confirmation link." and includes a "Resend Confirmation Email" button.
- Change email address:** A form with the heading "Change email address" and a note: "For speedy validation, it is required that you use a work e-mail address". It contains input fields for "Email" and "Password", and a "Change Email" button.
- Change password:** A form with the heading "Change password" and input fields for "Current Password", "Password", and "Password Verification", with a "Change Password" button.

Ao clicar em “Create” um e--mail de confirmação será enviado para o e--mail cadastrado.

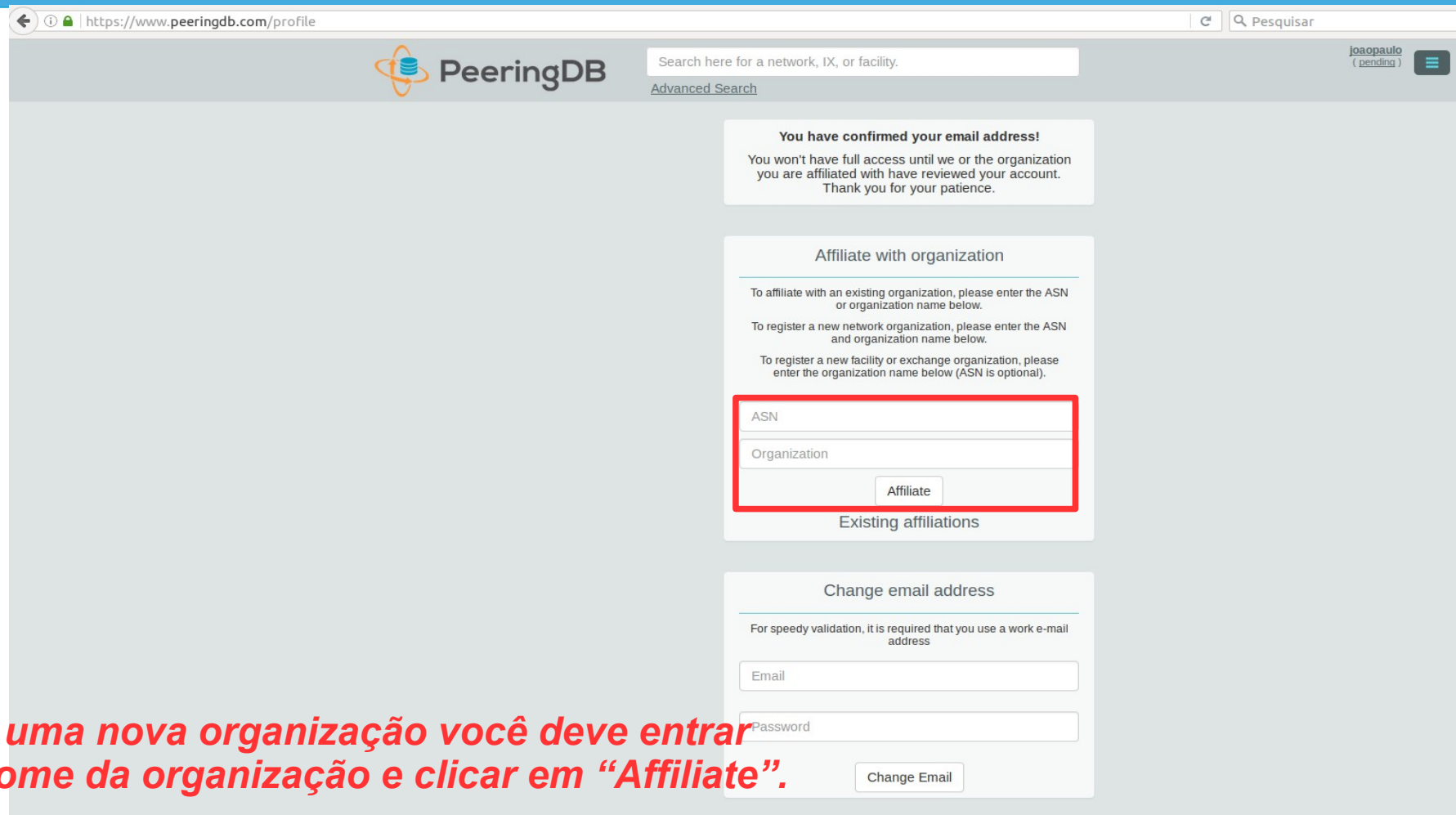
IX.br(PTT.br) – Guia *PeeringDB*



The screenshot shows the PeeringDB profile page. At the top, there is a search bar and a user profile for 'joapaulo (pending)'. A red-bordered box highlights a message: "You have confirmed your email address! You won't have full access until we or the organization you are affiliated with have reviewed your account. Thank you for your patience." Below this, there are two main sections: "Affiliate with organization" and "Change email address". The "Affiliate with organization" section includes instructions for existing organizations, new network organizations, and new facilities/exchanges, along with input fields for "ASN" and "Organization" and an "Affiliate" button. The "Change email address" section includes a note about using a work email for validation, input fields for "Email" and "Password", and a "Change Email" button.

Note que agora você possui usuário, mas não está afiliado a uma organização

IX.br(PTT.br) – Guia *PeeringDB*



https://www.peeringdb.com/profile

Pesquisar

PeeringDB

Search here for a network, IX, or facility.

Advanced Search

joapaulo (pending)

You have confirmed your email address!
You won't have full access until we or the organization you are affiliated with have reviewed your account. Thank you for your patience.

Affiliate with organization

To affiliate with an existing organization, please enter the ASN or organization name below.

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

Organization

Affiliate

Existing affiliations

Change email address

For speedy validation, it is required that you use a work e-mail address

Email

Password

Change Email

Para registrar uma nova organização você deve entrar com o ASN, nome da organização e clicar em “Affiliate”.

IX.br(PTT.br) – Guia *PeeringDB*



The screenshot shows the PeeringDB website interface. At the top, there is a search bar with the text "Search here for a network, IX, or facility." and a search button labeled "Pesquisar". The PeeringDB logo is visible on the left. A notification box at the top center states: "You have confirmed your email address! You won't have full access until we or the organization you are affiliated with have reviewed your account. Thank you for your patience." Below this, a red-bordered box highlights a message: "Affiliate with organization. Your affiliation with FUNDACAO PARQUE TECNOLOGICO ITAIPU - BRASIL is pending approval." Underneath, there are instructions for affiliation and input fields for "ASN" and "Organization", followed by an "Affiliate" button. At the bottom, there is a "Change email address" section with fields for "Email" and "Password", and a "Change Email" button.

Note que neste momento o pedido de afiliação está aguardando a aprovação da equipe do PeeringDB

IX.br(PTT.br) – Guia *PeeringDB*



Whois

263083

Versão com informações de contato

```
% Copyright (c) Nic.br
% A utilização dos dados abaixo é permitida somente conforme
% descrito no Termo de Uso em http://registro.br/termo , sendo
% proibida a sua distribuição, comercialização ou reprodução,
% em particular para fins publicitários ou propósitos
% similares.
% 2016-05-05 17:36:18 (BRT -03:00)

asn:          AS263083
titular:      FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL
documento:    007.769.688/0001-18
responsável:  Joao Paulo de Lima Barbosa
pais:         BR
c-titular:    FPTIT
c-roteamento: JPB182
c-abusos:     JPB182
criado:       12/04/2012
alterado:     07/06/2013
inetnum:      179.106.192/18
inetnum:      186.233.12/22
inetnum:      2801:b6::/32

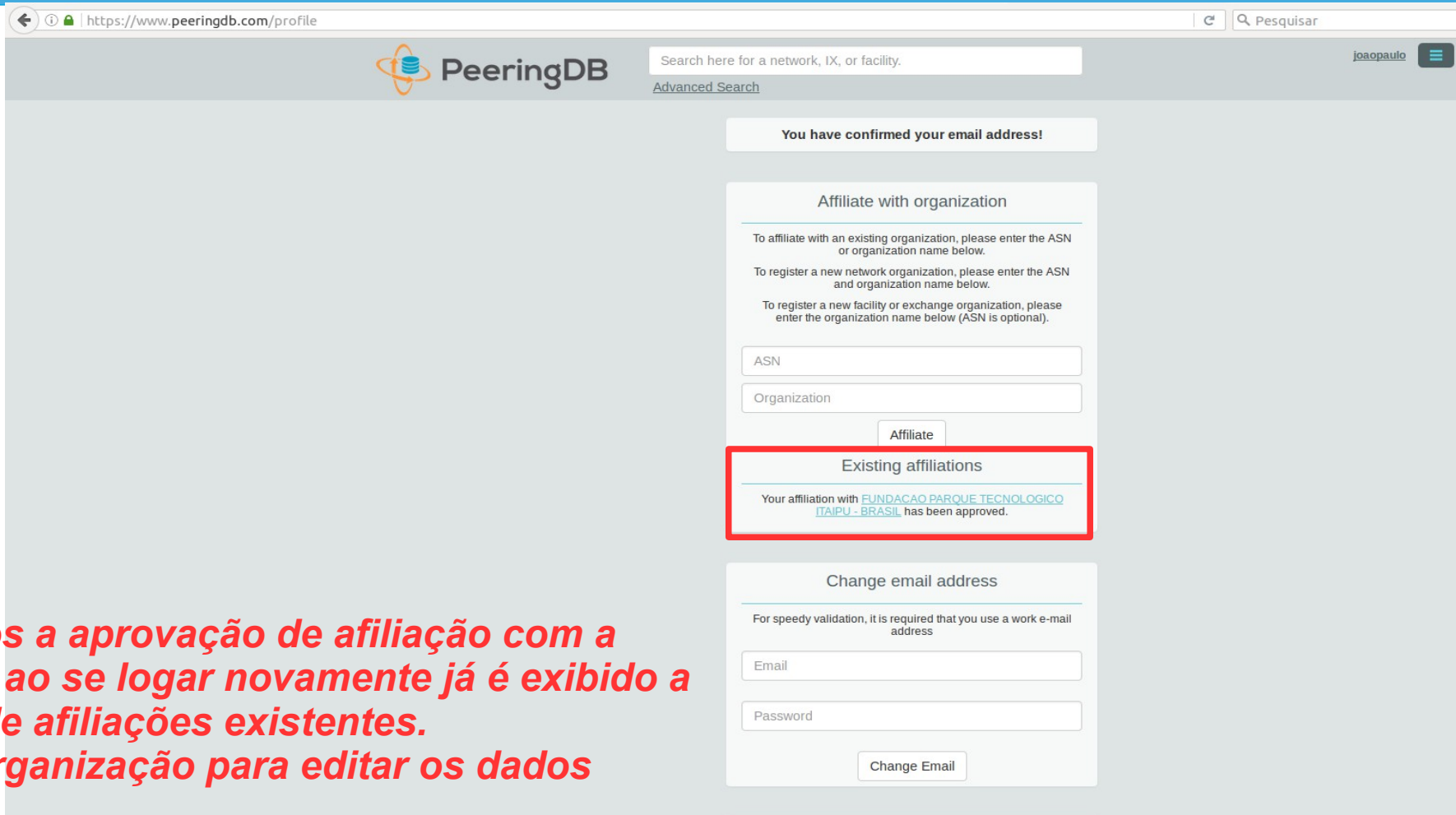
Contato (ID): FPTIT
nome:         Fundacao Parque Tecnologico Itaipu
e-mail:       hostmaster@pti.org.br
criado:       24/03/2014
alterado:     24/03/2014

Contato (ID): JPB182
nome:         João Paulo de Lima Barbosa
e-mail:       joaocdc@gmail.com
criado:       12/08/2005
alterado:     16/07/2013

% Problemas de segurança e spam também devem ser reportados ao
% cert.br, http://cert.br/ , respectivamente para cert@cert.br
% e mail-abuse@cert.br
%
% whois.registro.br aceita somente consultas diretas. Tipos de
% consultas são: dominio (.br), titular (entidade), ticket,
% provedor, contato (ID), bloco CIDR, IP e ASN.
```

O e--mail do usuário é uma das informações que a equipe do PeeringDB utiliza para validar a criação e afiliação a uma determinada organização

IX.br(PTT.br) – Guia *PeeringDB*



The screenshot shows the PeeringDB profile page. At the top, there is a navigation bar with the PeeringDB logo, a search bar, and a user profile icon labeled 'joaopaulo'. Below the navigation bar, there is a confirmation message: "You have confirmed your email address!". The main content area is divided into several sections. The first section is "Affiliate with organization", which provides instructions on how to affiliate with an existing organization, register a new network organization, or register a new facility or exchange organization. Below this section are input fields for "ASN" and "Organization", and an "Affiliate" button. The second section, "Existing affiliations", is highlighted with a red box and contains the text: "Your affiliation with [FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL](#) has been approved." The third section is "Change email address", which includes instructions for speedy validation and input fields for "Email" and "Password", along with a "Change Email" button.

Note que após a aprovação de afiliação com a organização, ao se logar novamente já é exibido a informação de afiliações existentes.
- Clique na organização para editar os dados

IX.br(PTT.br) – Guia *PeeringDB*

https://www.peeringdb.com/org/14121

PeeringDB Search here for a network, IX, or facility. joapaulo

FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL Edit

| | |
|--------------|----|
| Website | |
| Address 1 | |
| Address 2 | |
| Location | |
| Country Code | BR |

Facilities Filter

| Name | Country | City |
|--|---------|------|
| Nothing matched your filter You may filter by Name, Country or City | | |

Networks Filter

| Name | ASN |
|---|--------|
| FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL | 263083 |

Exchanges Filter

| Name | Country | City |
|--|---------|------|
| Nothing matched your filter You may filter by Name, Country or City | | |

Manage

[Add Facility](#) [Add Network](#) [Add Exchange](#) [Users](#) [Permissions](#)

Name

Website

Address 1

Address 2

City

State

Zip-Code

Country

CLLI Code

NPA-NXX

Add a new Facility to your Organization. Note that the newly created Facility will need to be approved by PeeringDB staff before it will appear in the search results or the API listings

- Clique em “Edit” para entrar com os dados da organização

IX.br(PTT.br) – Guia *PeeringDB*

The screenshot shows the PeeringDB website interface. At the top, there is a search bar and a user profile for 'joapaulo'. The main content area displays the details for an organization named 'FUNDACAO PARQUE TECNOLOGICO IT'. A red box highlights the input fields for this organization's details:

- Website:
- Address 1:
- Address 2:
- Location:
- PR:
- 85867900:
- Country Code:

Below the highlighted form, there are sections for 'Facilities', 'Networks', and 'Exchanges', each with a 'Filter' button. The 'Networks' section shows a single entry: 'FUNDACAO PARQUE TECNOLOGICO ITAIPU - BRASIL' with ASN '263083'. At the bottom, there is a 'Manage' section with tabs for 'Add Facility', 'Add Network', 'Add Exchange', 'Users', and 'Permissions'. The 'Add Facility' tab is active, showing a form to add a new facility with fields for Name, Website, Address 1, Address 2, City, State, Zip-Code, Country, and CLLI Code. A 'Submit Facility' button is also present.

Exemplo de preenchimento dos dados de uma organização

IX.br(PTT.br) – Guia *PeeringDB*

The screenshot shows the PeeringDB website interface. At the top, there is a search bar and the PeeringDB logo. The main content area displays the profile for 'FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL'. The profile includes a table with the following information:

| | |
|--------------|--|
| Website | http://www.pti.org.br/ |
| Address 1 | Parque Tecnológico Itaipu, 6731 - PTI - Bloco 10 - Espaço 1 - Sala 3 - Jardim Itaipu |
| Address 2 | |
| Location | Foz do Iguaçu, PR, 85867900 |
| Country Code | BR |

Below the table, there are sections for 'Facilities', 'Networks', and 'Exchanges'. The 'Networks' section is highlighted with a red box and contains one entry:

| Name | ASN |
|---|--------|
| FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL | 263083 |

At the bottom of the page, there is a 'Manage' section with tabs for 'Add Facility', 'Add Network', 'Add Exchange', 'Users', and 'Permissions'. The 'Add Facility' tab is active, showing a form with fields for Name, Website, Address 1, Address 2, City, State, Zip-Code, Country (set to United States), CLLI Code, and NPA-NXX. A 'Submit Facility' button is located below the form. A note on the right side of the form states: 'Add a new Facility to your Organization. Note that the newly created Facility will need to be approved by PeeringDB staff before it will appear in the search results or the API listings.'

Com os dados da organização atualizados, você pode atualizar os dados de sua Network e conectar em um IXP

IX.br(PTT.br) – Guia *PeeringDB*

https://www.peeringdb.com/net/10208

PeeringDB Search here for a network, IX, or facility. joaopaulo

FUNDACAO PARQUE TECNOLOGICO IT

Organization: FUNDACAO PARQUE TECNOLOGICO ITAIPU - BRASIL

| | |
|---------------------|--|
| Also Known As | PTI-BR |
| Company Website | http://www.pti.org.br/ |
| Primary ASN | 263083 |
| IRR Record | |
| Route Server URL | http://www.example.com |
| Looking Glass URL | http://www.example.com |
| Network Type | Non-Profit |
| IPv4 Prefixes | 0 |
| IPv6 Prefixes | 0 |
| Traffic Levels | Not Disclosed |
| Traffic Ratios | Not Disclosed |
| Geographic Scope | South America |
| Protocols Supported | <input checked="" type="checkbox"/> Unicast IPv4 <input type="checkbox"/> Multicast <input checked="" type="checkbox"/> IPv6 |
| Last Updated | 2016-05-04T18:53:09Z |
| Notes | |

Public Peering Exchange Points

| Exchange | ASN | IPv4 | IPv6 | Speed | RS Peer |
|---------------------------------------|--------|---------------|--------------------|-------|-------------------------------------|
| IX.br (PTT.br) Foz do Iguaçu ATM/MLPA | 263083 | 187.16.204.11 | 2001:12f8:0:27::11 | 10000 | <input checked="" type="checkbox"/> |

Exchange: IX.br (PTT.br) Foz do Iguaçu BR ATM/MLPA

Local ASN: 263083

IPv4: 187.16.204.12

IPv6: 2001:12f8:0:27::12

Speed (mbit/sec): 10000

RS Peer:

Private Peering Facilities

Nothing matched your filter

Exemplo de preenchimento dos dados de uma Network e ligação a um IXP

IX.br(PTT.br) – Guia *PeeringDB*

https://www.peeringdb.com/net/10208

Pesquisar

Peering Policy Information

Peering Policy:

General Policy:

Multiple Locations:

Ratio Requirement:

Contract Requirement:

Contact Information

| Role | Name | Phone |
|---|--------------------------------------|---|
| | Visibility | E-Mail |
| <input checked="" type="checkbox"/> NOC | <input type="text" value="NOC PTI"/> | <input type="text" value="+55 45 3576-7272"/> |
| | <input type="text" value="Public"/> | <input type="text" value="noc@pti.org.br"/> |

Role:

Name:

Email:

Phone:

Visibility:

Exemplo de preenchimento dos contatos da entidade
Obs: não esquecer de colocar o email de contato

IX.br(PTT.br) – Guia *PeeringDB*

← | https://www.peeringdb.com/net/10208 | Pesquisar

 Search here for a network, IX, or facility. joaopaulo 

Advanced Search

FUNDACAO PARQUE TECNOLOGICO ITI Cancel **Save**

| | |
|---------------------|--|
| Organization | FUNDACAO PARQUE TECNOLOGICO ITAIPU - BRASIL |
| Also Known As | PTI-BR |
| Company Website | http://www.pti.org.br/ |
| Primary ASN | 263083 |
| IRR Record | |
| Route Server URL | http://www.example.com |
| Looking Glass URL | http://www.example.com |
| Network Type | Non-Profit |
| IPv4 Prefixes | 0 |
| IPv6 Prefixes | 0 |
| Traffic Levels | Not Disclosed |
| Traffic Ratios | Not Disclosed |
| Geographic Scope | South America |
| Protocols Supported | <input checked="" type="checkbox"/> Unicast IPv4 <input type="checkbox"/> Multicast <input checked="" type="checkbox"/> IPv6 |
| Last Updated | 2016-05-04T18:53:09Z |
| Notes | |

Public Peering Exchange Points Filter

| Exchange ASN | IPv4 IPv6 | Speed RS Peer |
|---|-------------------------------------|--|
| <input checked="" type="checkbox"/> IX.br (PTT.br) Foz do Iguacu ATM/MLPA 263083 | 187.16.204.11 2001:12f8:0:27::11 | 10000 <input checked="" type="checkbox"/> |

Exchange

Local ASN

IPv4

IPv6

Speed (mbit/sec)

RS Peer

Add Exchange Point

Private Peering Facilities Filter

| Facility ASN | Country City |
|---|-----------------|
| Nothing matched your filter You may filter by Facility, ASN, Country, City | |

Facility

Add Facility

**Após o preenchimento das informações,
clique em “Save”**

IX.br(PTT.br) – Guia *PeeringDB*

The screenshot shows the PeeringDB interface for the organization 'FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL'. The profile includes details such as website, address, location, and country code. Below the profile, there are sections for 'Facilities', 'Networks', and 'Exchanges'. The 'Add Facility' form is highlighted with a red box, showing fields for Name, Website, Address 1, Address 2, State, Zip-Code, Country (set to United States), CLLI Code, and NPA-NXX. A 'Submit Facility' button is also visible.

Website: <http://www.pti.org.br/>

Address 1: Parque Tecnológico Itaipu, 6731 - PTI - Bloco 10 - Espaço 1 - Sala 3 - Jardim Itaipu

Address 2:

Location: Foz do Iguaçu, PR, 85867900

Country Code: BR

Facilities: Nothing matched your filter. You may filter by Name, Country or City.

Networks:

| Name | ASN |
|---|--------|
| FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL | 263083 |

Exchanges: Nothing matched your filter. You may filter by Name, Country or City.

Manage: **Add Facility** | Add Network | Add Exchange | Users | Permissions

Add Facility Form:

- Name:
- Website:
- Address 1:
- Address 2:
- State:
- Zip-Code:
- Country:
- CLLI Code:
- NPA-NXX:

Submit Facility

Add a new Facility to your Organization. Note that the newly created Facility will need to be approved by PeeringDB staff before it will appear in the search results or the API listings

No PeeringDB é possível adicionar uma “Facility” para sua organização. As informações deverão ser preenchidas e passarão por aprovação da equipe do PeeringDB

IX.br(PTT.br) – Guia *PeeringDB*

The screenshot shows the PeeringDB interface for the organization 'FUNDACAO PARQUE TECNOLOGICO ITAIPU - BRASIL'. The profile includes details such as the website (<http://www.pti.org.br/>), address (Parque Tecnológico Itaipu, 6731 - PTI - Bloco 10 - Espaço 1 - Sala 3 - Jardim Itaipu), location (Foz do Iguaçu, PR, 85867900), and country code (BR). The 'Manage' section is active, with the 'Add Network' button highlighted in a red box. Below this, a form is provided to add a new network, with fields for Name, Website, Primary ASN, IRR Record, Network Type, Traffic Levels, Traffic Ratios, and a checkbox for Unicast IPv4. A 'Submit Network' button is also visible. A note states: 'Add a new Network to your Organization. Note that the newly created Network will need to be approved by PeeringDB staff before it will appear in the search results or the API listings.'

É possível adicionar mais “Networks” para sua organização. Esta opção pode ser usada para entidades que possuem mais de um ASN. As informações deverão ser preenchidas e passarão por aprovação da equipe do PeeringDB

IX.br(PTT.br) – Guia *PeeringDB*

The screenshot shows the PeeringDB interface for the organization 'FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL'. The main content area is divided into several sections: a metadata table, a 'Facilities' section with a filter, a 'Networks' section with a filter, and an 'Exchanges' section with a filter. Below these is a 'Manage' section with tabs for 'Add Facility', 'Add Network', 'Add Exchange', 'Users', and 'Permissions'. The 'Add Exchange' tab is highlighted with a red box. The form for adding an exchange includes fields for Name, Website, City, Country, Continental Region, Media Type, Unicast IPv4, Multicast, IPv6, Traffic Stats Website, and Technical E-mail. A 'Submit Exchange' button is located at the bottom right of the form. A note states: 'Add a new Exchange to your Organization. Note that the newly created Exchange will need to be approved by PeeringDB staff before it will appear in the search results or the API listings.'

| Website | http://www.pti.org.br/ |
|--------------|--|
| Address 1 | Parque Tecnológico Itaipu, 6731 - PTI - Bloco 10 - Espaço 1 - Sala 3 - Jardim Itaipu |
| Address 2 | |
| Location | Foz do Iguaçu, PR, 85867900 |
| Country Code | BR |

| Name | Country | City |
|---|---------|------|
| Nothing matched your filter <small>You may filter by Name, Country or City</small> | | |

| Name | ASN |
|---|--------|
| FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL | 263083 |

| Name | Country | City |
|---|---------|------|
| Nothing matched your filter <small>You may filter by Name, Country or City</small> | | |

Manage

[Add Facility](#) [Add Network](#) **[Add Exchange](#)** [Users](#) [Permissions](#)

Name:

Website:

City:

Country:

Continental Region:

Media Type:

Unicast IPv4:

Multicast:

IPv6:

Traffic Stats Website:

Technical E-mail:

Add a new Exchange to your Organization. Note that the newly created Exchange will need to be approved by PeeringDB staff before it will appear in the search results or the API listings

A opção “Add Exchange” somente deve ser utilizada por entidades que operam Internet Exchanges e não por entidades que estão conectadas a um IXP.

Este processo de criação de um IXP também precisa de aprovação da equipe do PeeringDB.

IX.br(PTT.br) – Guia PeeringDB

PeeringDB Search here for a network, IX, or facility. joaopaulo

FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL

Website: <http://www.pti.org.br/>

Address 1: Parque Tecnológico Itaipu, 6731 - PTI - Bloco 10 - Espaço 1 - Sala 3 - Jardim Itaipu

Address 2:

Location: Foz do Iguaçu, PR, 85867900

Country Code: BR

Facilities: Nothing matched your filter

Networks: FUNDAÇÃO PARQUE TECNOLÓGICO ITAIPU - BRASIL (ASN: 263083)

Exchanges: Nothing matched your filter

Manage: Add Facility Add Network Add Exchange **Users** Permissions

Users requesting affiliation

| Name | Email | Date | |
|--------------|---------------------|--------------|--------------|
| User | Confirmed | | |
| Joao Barbosa | joao@barbosa.net.br | 2016, May 04 | Approve Deny |
| joao | Yes | | |

Users in Organization

| Name | Email | Group | |
|----------------------------|-------------------|-------|--------|
| User | | | |
| João Paulo de Lima Barbosa | joaocdc@gmail.com | admin | Remove |
| joaopaulo | | | |

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Sponsors Resources Documentation API Documentation

Global System Statistics
6267 Peering Networks
634 Public Exchange Points
16359 Unique Public Exchange Presences
2050 Private Facilities

Na aba “Users” é possível aprovar novos usuários e atribuir privilégios. O User admin consegue alterar qualquer dado de uma organização. O User member terá restrições de permissão a ser definida pelo User admin.

IX.br(PTT.br) – Guia *PeeringDB*

https://www.peeringdb.com/org/14121

PeeringDB Search here for a network, IX, or facility. joapaulo

FUNDACAO PARQUE TECNOLOGICO ITAIPU - BRASIL

Website: <http://www.pti.org.br/>

Address 1: Parque Tecnológico Itaipu, 6731 - PTI - Bloco 10 - Espaço 1 - Sala 3 - Jardim Itaipu

Address 2:

Location: Foz do Iguaçu, PR, 85867900

Country Code: BR

Facilities: Filter

Nothing matched your filter. You may filter by Name, Country or City

Networks: Filter

| Name | ASN |
|---|--------|
| FUNDACAO PARQUE TECNOLOGICO ITAIPU - BRASIL | 263083 |

Exchanges: Filter

Nothing matched your filter. You may filter by Name, Country or City

Manage: Add Facility Add Network Add Exchange Users **Permissions**

Here you can grant permissions to regular members of your organization. Administrative users are not listed here as they have access to everything by default. Additionally, entities that are pending review cannot be permissioned out to users, and will not appear in the entity list

Save

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Sponsors

Resources: Documentation API Documentation

Contact Us: support@peeringdb.com

Global System Statistics: 6267 Peering Networks, 634 Public Exchange Points, 16359 Unique Public Exchange Presences, 2050 Private Facilities, 15175 Private Facility Presences

Na aba “Permissions” é possível atribuir níveis de permissões aos usuários members.

Por exemplo uma entidade pode possuir mais de um ASN e cada usuário é encarregado de fazer alterações em um ASN.

IX.br(PTT.br) – Guia *PeeringDB*

Uma dica interessante é utilizar a URL criada especialmente para o seu AS facilitando o acesso as suas informações de *peering*.

Exemplo:

<https://as26162.peeringdb.com/>

<https://www.peeringdb.com/asn/26162>

IX.br(PTT.br) – Guia *PeeringDB*

The screenshot shows the PeeringDB interface. At the top, there is a search bar with the text "Search here for a network, IX, or facility." and buttons for "Register or" and "Login". Below the search bar is the "Advanced Search" link. The main content area is titled "NIC.br - IX.br (PTT.br) MLPA Route Servers". On the left, there is a table with details about the organization. On the right, there is a table titled "Public Peering Exchange Points" with a "Filter" button. The table lists various exchange points with columns for Exchange (ASN), IPv4, IPv6, and Speed (RS Peer).

| Organization | NIC.br |
|---------------------|--|
| Also Known As | |
| Company Website | https://ix.br/ |
| Primary ASN | 26162 |
| IRR Record | AS-IX.br-RS |
| Route Server URL | |
| Looking Glass URL | |
| Network Type | NSP |
| IPv4 Prefixes | 0 |
| IPv6 Prefixes | 0 |
| Traffic Levels | Not Disclosed |
| Traffic Ratios | Balanced |
| Geographic Scope | Global |
| Protocols Supported | <input checked="" type="radio"/> Unicast IPv4 <input type="radio"/> Multicast <input checked="" type="radio"/> IPv6 |
| Last Updated | 2016-06-16T15:55:45Z |
| Notes | This is the Peering information for the IX.br (PTT.br) Route Servers. There are two route servers per IXP for redundancy purposes. For IX.br (PTT.br) Sao Paulo we recommend a maximum-prefixes setting 100K for IPv4 and 25K for IPv6 |

| Exchange | IPv4 | Speed |
|---|---------------------|---------|
| ASN | IPv6 | RS Peer |
| IX.br (PTT.br) Aracaju | 200.219.130.253 | 1G |
| 26162 | 2001:12f8:0:1::253 | ○ |
| IX.br (PTT.br) Aracaju | 200.219.130.254 | 1G |
| 26162 | 2001:12f8:0:1::254 | ○ |
| IX.br (PTT.br) Belo Horizonte | 200.219.139.253 | 1G |
| 26162 | 2001:12f8:0:3::253 | ○ |
| IX.br (PTT.br) Belo Horizonte | 200.219.139.254 | 1G |
| 26162 | 2001:12f8:0:3::254 | ○ |
| IX.br (PTT.br) Belém | 187.16.195.253 | 1G |
| 26162 | 2001:12f8:0:18::253 | ○ |
| IX.br (PTT.br) Belém | 187.16.195.254 | 1G |
| 26162 | 2001:12f8:0:18::254 | ○ |
| IX.br (PTT.br) Brasília | 200.192.110.253 | 1G |
| 26162 | 2001:12f8:0:13::253 | ○ |
| IX.br (PTT.br) Brasília | 200.192.110.254 | 1G |
| 26162 | 2001:12f8:0:13::254 | ○ |
| IX.br (PTT.br) Campina Grande | 200.192.109.253 | 1G |
| 26162 | 2001:12f8:0:12::253 | ○ |
| IX.br (PTT.br) Campina Grande | 200.192.109.254 | 1G |
| 26162 | 2001:12f8:0:12::254 | ○ |
| IX.br (PTT.br) Campinas | 200.192.108.253 | 1G |
| 26162 | 2001:12f8:0:11::253 | ○ |
| IX.br (PTT.br) Campinas | 200.192.108.254 | 1G |
| 26162 | 2001:12f8:0:11::254 | ○ |
| IX.br (PTT.br) Caxias do Sul | 187.16.197.253 | 1G |
| 26162 | 2001:12f8:0:20::253 | ○ |
| IX.br (PTT.br) Caxias do Sul | 187.16.197.254 | 1G |
| 26162 | 2001:12f8:0:20::254 | ○ |
| IX.br (PTT.br) Curitiba | 187.16.192.253 | 1G |
| 26162 | 2001:12f8:0:17::253 | ○ |

Exemplo de consulta a uma URL personalizada.

Erros corrigidos localidades do IX.br

| Localidade IX.br | #Erros |
|-----------------------|--------|
| Belém | 3 |
| Belo Horizonte | 4 |
| Brasília | 1 |
| Campinas | 3 |
| Cuiabá | 1 |
| Curitiba | 4 |
| Florianópolis | 5 |
| Fortaleza | 4 |
| Goiânia | 1 |
| Manaus | 1 |
| Porto Alegre | 7 |
| Recife | 1 |
| Rio de Janeiro | 6 |
| Salvador | 5 |
| São José do Rio Preto | 1 |
| São Paulo | 82 |
| Total | 129 |

80 – ASNs desativados removidos

32 – ASNs com o AS26162 ou AS20121

12 – ASNs com endereço IP de Route Server ou Looking Glass

5 – ASNs com IP do ATMv4 antigo (/24)

Participantes IX.br – Cenário atual

| Localidade | #ASNs | PeeringDB |
|-----------------------|--------------|------------------|
| São Paulo | 1224 | 921 |
| Rio de Janeiro | 163 | 103 |
| Porto Alegre | 159 | 82 |
| Curitiba | 80 | 47 |
| Campina Grande | 65 | 18 |
| Fortaleza | 52 | 27 |
| Brasília | 46 | 24 |
| Salvador | 40 | 18 |
| Belo Horizonte | 39 | 23 |
| Campinas | 38 | 26 |

Erros comuns de participantes do IX.br

- Pedido de afiliação para a organizações sem vínculo (NIC.br e Facebook)
- Chamados de suporte solicitando a inserção de informações no *PeeringDB*

Últimas atualizações IX.br

PeeringDB Search here for a network, IX, or facility. Register or Login

Advanced Search

IX.br (PTT.br) Rio de Janeiro

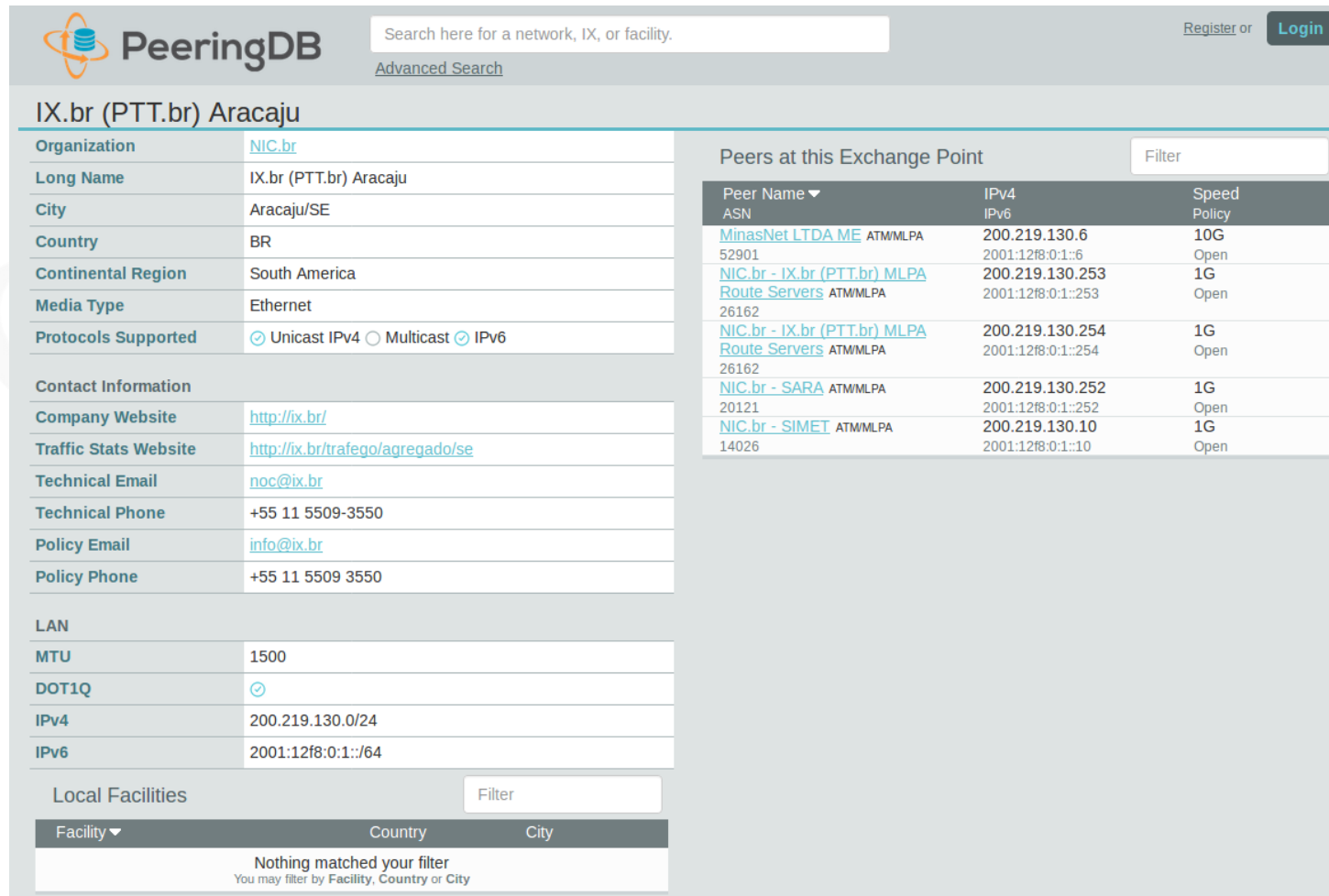
| | | |
|--|--|------|
| Organization | NIC.br | |
| Long Name | PTT Rio de Janeiro | |
| City | Rio de Janeiro/RJ | |
| Country | BR | |
| Continental Region | South America | |
| Media Type | Ethernet | |
| Protocols Supported | <input checked="" type="checkbox"/> Unicast IPv4 <input type="checkbox"/> Multicast <input checked="" type="checkbox"/> IPv6 | |
| Contact Information | | |
| Company Website | http://ix.br/ | |
| Traffic Stats Website | http://ix.br/trafego/agregado/rj | |
| Technical Email | noc@ix.br | |
| Technical Phone | +55 11 5509-3550 | |
| Policy Email | info@ix.br | |
| Policy Phone | +55 11 5509 3550 | |
| LAN | | |
| MTU | | |
| DOT1Q | <input type="radio"/> | |
| IPv4 | 45.6.52.0/22 | |
| IPv6 | 2001:12f8:0:2::/64 | |
| Local Facilities | | |
| Facility | Country | City |
| Nothing matched your filter You may filter by Facility, Country or City | | |

Peers at this Exchange Point

| Peer Name | IPv4 | Speed |
|---|--------------------|-------------|
| ASN | IPv6 | Policy |
| AdaptLink Servicos de Comunicação Multimidia LTDA | 45.6.52.150 | 1G |
| 61890 | 2001:12f8:0:2::150 | Open |
| AFINET SOLUCOES EM TECNOLOGIA DA INFORMACAO | 45.6.52.141 | 10G |
| 262854 | None | Open |
| AFINET SOLUCOES EM TECNOLOGIA DA INFORMACAO | 45.6.52.8 | 10G |
| 262854 | None | Open |
| Akamai Technologies | 45.6.52.192 | 20G |
| 20940 | None | Open |
| Algar Telecom | 45.6.52.6 | 10G |
| 16735 | 2001:12f8:0:2::6 | Selective |
| ALQG Tecnologia | 45.6.52.110 | 1G |
| 52550 | None | Open |
| Altarede Corporate | 45.6.52.132 | 10G |
| 28260 | 2001:12f8:0:2::132 | Open |
| Altarede Corporate | 45.6.52.97 | 10G |
| 28260 | 2001:12f8:0:2::97 | Open |
| Amazon.com | 45.6.52.34 | 20G |
| 16509 | 2001:12f8:0:2::34 | Open |
| Bitcanal | 45.6.52.29 | 1G |
| 197426 | 2001:12f8:0:2::29 | Open |
| Bom Tempo Telecom | 45.6.52.46 | 1G |
| 53053 | 2001:12f8:0:2::46 | Restrictive |
| Brasilnet Telecomunicações Ltda ME | 45.6.52.80 | 10G |
| 262808 | 2001:12f8:0:2::80 | Open |

**Do total de 109 ASNs do IX.br Rio de Janeiro
Antes do dia 27/04/2017 haviam 96
ASNs com o endereço IP antigo**

Últimas atualizações IX.br



The screenshot displays the PeeringDB interface for the IX.br (PTT.br) Aracaju exchange point. The page is divided into several sections: Organization details, Contact Information, LAN information, and a list of Peers at this Exchange Point.

Organization Details:

- Organization: [NIC.br](#)
- Long Name: IX.br (PTT.br) Aracaju
- City: Aracaju/SE
- Country: BR
- Continental Region: South America
- Media Type: Ethernet
- Protocols Supported: Unicast IPv4 Multicast IPv6

Contact Information:

- Company Website: <http://ix.br/>
- Traffic Stats Website: <http://ix.br/trafego/agregado/se>
- Technical Email: noc@ix.br
- Technical Phone: +55 11 5509-3550
- Policy Email: info@ix.br
- Policy Phone: +55 11 5509 3550

LAN Information:

- MTU: 1500
- DOT1Q:
- IPv4: 200.219.130.0/24
- IPv6: 2001:12f8:0:1::/64

Peers at this Exchange Point:

| Peer Name | IPv4 | Speed |
|--|--------------------|--------|
| ASN | IPv6 | Policy |
| MinasNet LTDA ME ATM/MLPA | 200.219.130.6 | 10G |
| 52901 | 2001:12f8:0:1::6 | Open |
| NIC.br - IX.br (PTT.br) MLPA | 200.219.130.253 | 1G |
| Route Servers ATM/MLPA | 2001:12f8:0:1::253 | Open |
| 26162 | | |
| NIC.br - IX.br (PTT.br) MLPA | 200.219.130.254 | 1G |
| Route Servers ATM/MLPA | 2001:12f8:0:1::254 | Open |
| 26162 | | |
| NIC.br - SARA ATM/MLPA | 200.219.130.252 | 1G |
| 20121 | 2001:12f8:0:1::252 | Open |
| NIC.br - SIMET ATM/MLPA | 200.219.130.10 | 1G |
| 14026 | 2001:12f8:0:1::10 | Open |

Local Facilities:

Nothing matched your filter
You may filter by Facility, Country or City

Como podemos ajudar?

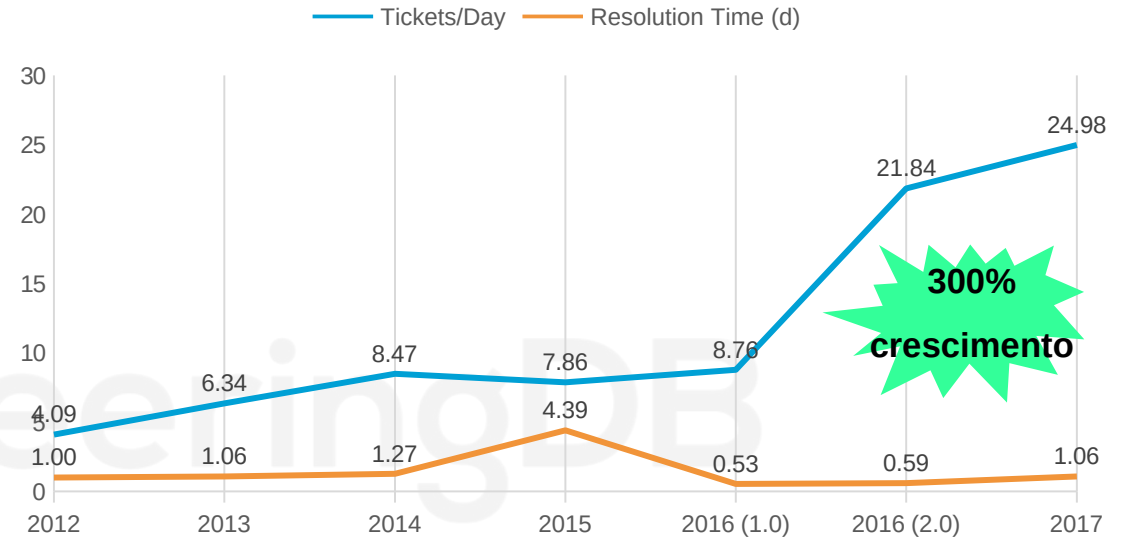
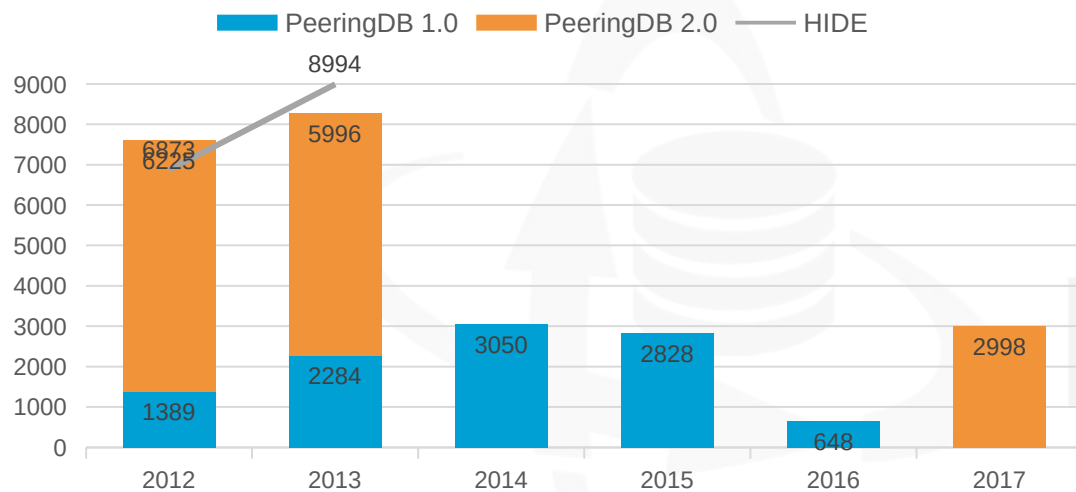
- Verifique as suas informações e certifique que estejam corretas
- Remova endereços IP não utilizados
- Envie *feedback*
- Melhore documentações
- Registre-se **SOMENTE** se você tiver uma rede para *peering*

Desativação de participantes IX.br

Foi inserido no processo de desativação do IX.br uma etapa em que o participante seja avisado para remover dados que não estão mais em uso.

Estatísticas de atendimento

Total Tickets/Year



- Colaboradores espalhados pelo mundo em diferentes *time zones*
- O objetivo é resolver os *tickets* de suporte dentro de 24 horas

Estatísticas de atendimento

Vital Statistics and Growth

PeeringDB 2.0 Post-Launch (March 15, 2016 through December 31, 2016)



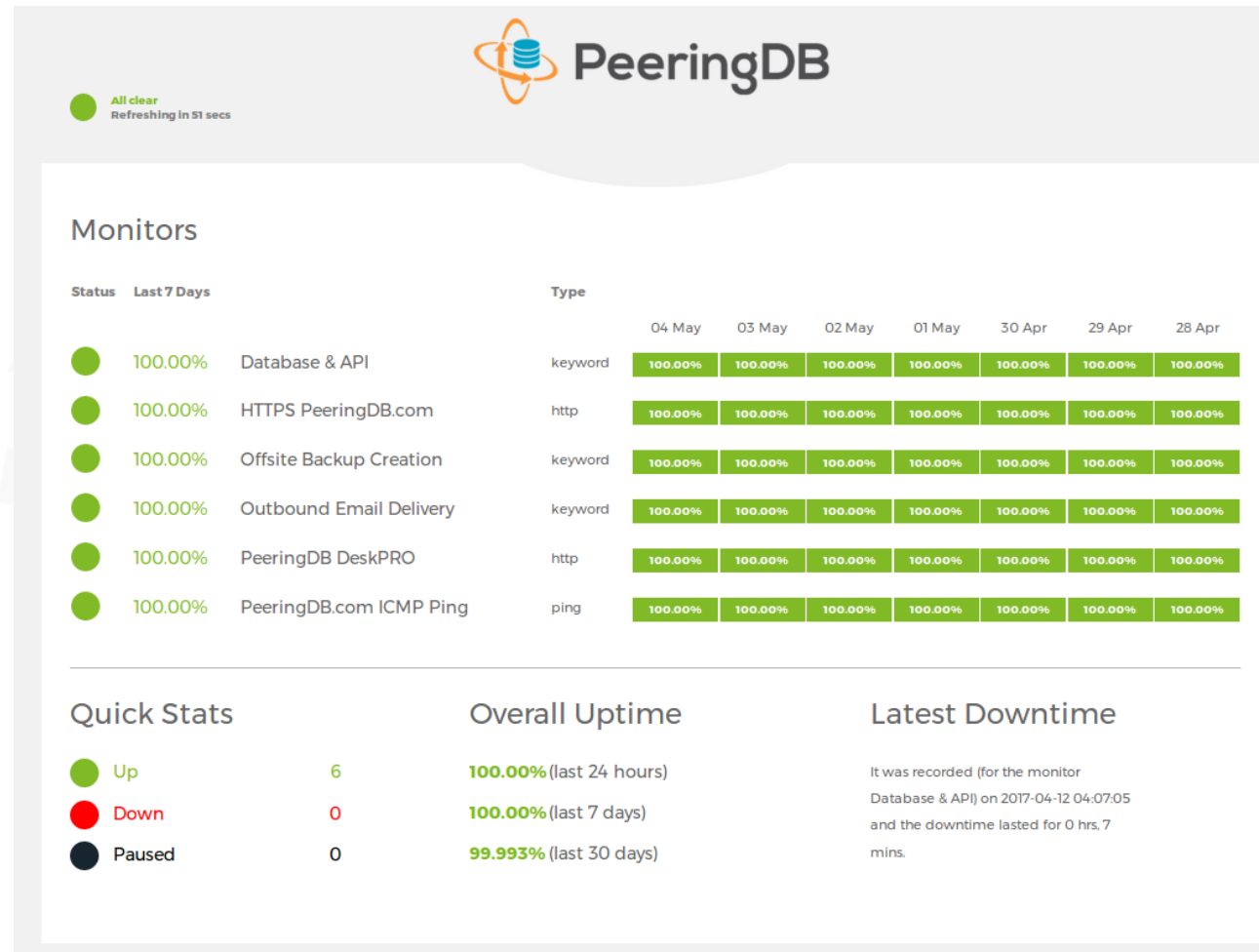
Usage (December 2016)

| | |
|-----------------|-----------|
| Total Hits | 8,587,768 |
| Avg. Daily Hits | 277,024 |
| Unique Hits | 61,173 |

Support Tickets

| | |
|-----------------------|--------------------|
| Total Support Tickets | 6,715 |
| Avg. Tickets Per Day | 22 |
| Avg. Response Time | Less than 14 Hours |

Status da disponibilidade do serviço



Conselho de Administração e Diretores

Chris Caputo – Secretary & Treasurer
(Non-Board Member)



Patrick Gilmore – Director
(Term Expires 2019)



Aaron Hughes – President
(Term Expires 2018)



Arnold Nipper – Director
(Term Expires 2019)



Bijal Sanghani – Director
(Term Expires 2019)



Job Snijders – Vice President
(Term Expires 2018)



Comitê de Administração

| | | | | |
|--|---|--|--|--|
| <p>Samer Abdel-Hafez</p>  | <p>Hendrik Braasch</p>  | <p>Kate Gerry</p>  | <p>Christoffer Hansen</p>  | <p>Peter Helmenstine</p>  |
| <p>Florian Hibler</p>  | <p>Eric Lindsjö</p>  | <p>Arnold Nipper – Vice Chair</p>  | <p>Job Snijders – Chair</p>  | <p>Michael Still</p>  |

Comitê de Produto

Karthik Arumugham



Matt Griswold –
Vice Chair



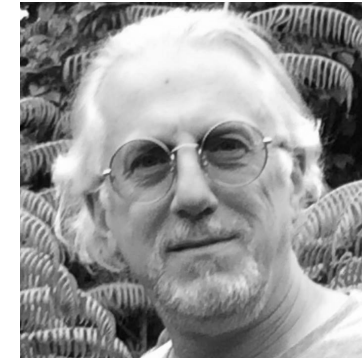
Greg Hankins



Aaron Hughes –
Chair



Martin J. Levy



Eric Loos



Chris Malayter



Stephen McManus



Arnold Nipper



Kay Rechthien



Walt Wollny



Atribuições

Comitê de Administração

- Gerenciar contas de usuários
- Respostas a *tickets*
- Procurando 2 voluntários da comunidade
- Contato:
admincom@lists.peeringdb.com

Comitê de Produto

- Atende a demanda de novas funcionalidades da comunidade
- Gerencia desenvolvimento e prioridades
- Contato:
productcom@lists.peeringdb.com

Patrocinadores

The screenshot displays the PeeringDB website's sponsor page. At the top, there is a search bar and navigation links for 'Register' and 'Login'. The page is organized into four horizontal sections, each representing a different level of sponsorship:

- DIAMOND SPONSORS:** Features the Microsoft logo.
- PLATINUM SPONSORS:** Features logos for YAHOO!, DE CIX, Google, and MARKLEY.
- GOLD SPONSORS:** Features logos for FranceX Convergence hub, facebook, Internet Society, IX, and AUSTRALIA (INTERNET PEERING FOR AUSTRALIA).
- SILVER SPONSORS:** A grid of logos including lacnic, cologix, border 6, RIPE NCC, NIX-CZ, LINX, Akamai, SysEleven, NYIX, LAIX, NTT Communications, netnod, APNIC, KDDI, TELEHOUSE, zenlayer, workonline communications, amSIX, interxion, BBIX, NLIX, and DIGITAL REALTY.

Listas de Email, Redes Sociais e Documentos

- Announce:
<http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-announce>
 - Governance: <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-gov>
 - Technical: <http://lists.peeringdb.com/cgi-bin/mailman/listinfo/pdb-tech>
 - User Discuss:
<http://lists.peeringdb.com/cgi-bin/mailman/listinfo/user-discuss>
-  @PeeringDB
-  <https://www.facebook.com/peeringdb/>
- Documentos, apresentações, guias, ferramentas:
<http://docs.peeringdb.com/>



Perguntas ?

<https://www.peeringdb.com/>

<http://docs.peeringdb.com/>