



# Update e cadastro de Facilities



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# Resumo

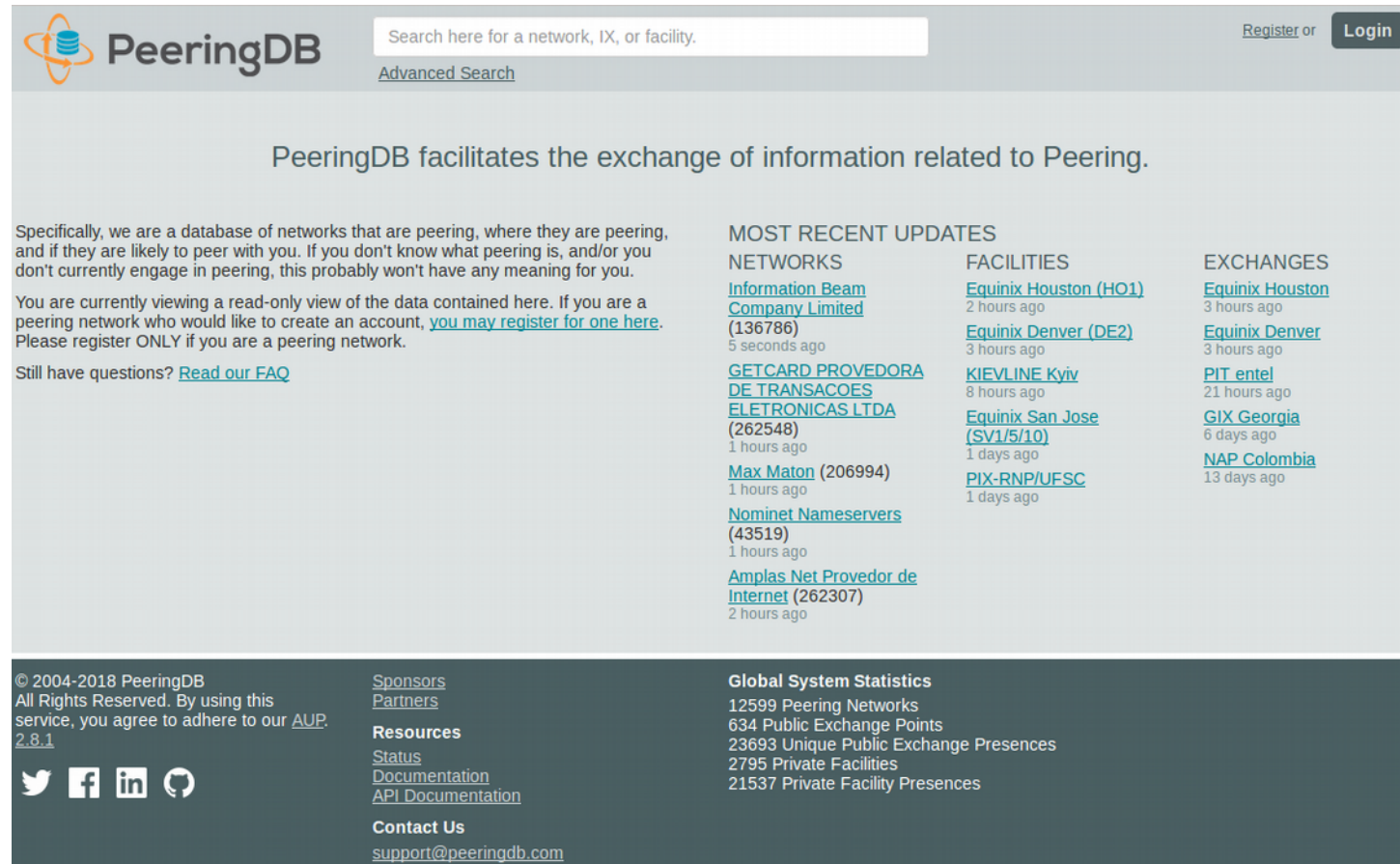
- Esta apresentação visa fazer uma breve atualização do PeeringDB na visão brasileira e comentar sobre cadastro de Facilities.
- Abordaremos o manual do PeeringDB feito pelo IX.br para orientar as entidades que hospedam PIXes do IX.br para cadastro de Facilities.

# 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?



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." and a "Register or Login" button. Below the search bar is a link for "Advanced Search". The main content area features a heading "PeeringDB facilitates the exchange of information related to Peering." followed by a paragraph explaining the database's purpose and a note about the read-only view. A "MOST RECENT UPDATES" section lists various networks, facilities, and exchanges with their respective update times. The footer contains copyright information, social media links, and global system statistics.

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 UPDATES**

NETWORKS	FACILITIES	EXCHANGES
<a href="#">Information Beam Company Limited</a> (136786) 5 seconds ago	<a href="#">Equinix Houston (HO1)</a> 2 hours ago	<a href="#">Equinix Houston</a> 3 hours ago
<a href="#">GETCARD PROVIDORA DE TRANSACOES ELETRONICAS LTDA</a> (262548) 1 hours ago	<a href="#">Equinix Denver (DE2)</a> 3 hours ago	<a href="#">Equinix Denver</a> 3 hours ago
<a href="#">Max Maton</a> (206994) 1 hours ago	<a href="#">KIEVLINE Kyiv</a> 8 hours ago	<a href="#">PIT entel</a> 21 hours ago
<a href="#">Nominet Nameservers</a> (43519) 1 hours ago	<a href="#">Equinix San Jose (SV1/5/10)</a> 1 days ago	<a href="#">GIX Georgia</a> 6 days ago
<a href="#">Amplas Net Provedor de Internet</a> (262307) 2 hours ago	<a href="#">PIX-RNP/UFSC</a> 1 days ago	<a href="#">NAP Colombia</a> 13 days ago

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[2.8.1](#)

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[API Documentation](#)

**Contact Us**  
[support@peeringdb.com](mailto:support@peeringdb.com)

**Global System Statistics**  
12599 Peering Networks  
634 Public Exchange Points  
23693 Unique Public Exchange Presences  
2795 Private Facilities  
21537 Private Facility Presences

Uma rede social de Sistemas Autônomos

# Informações no PeeringDB

- Sistemas Autônomos
- Localização física
- Política de roteamento
- Onde possuem equipamentos para estabelecimento de peering
- Em quais Internet Exchanges estão conectados
- Facilities
- Endereçamento IP de peering, capacidade de interfaces e largura de banda

# Informações no PeeringDB

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.**

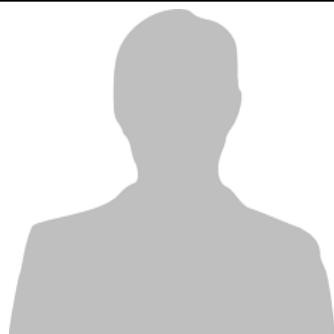
# Estatísticas

	2.0 Launch 2016-03-15	2016-12-31	2016 % Growth	2017-12-31	2017 % Growth
Facilities	1,957	2,130	9%	2,635	24%
IXPs	630	556	-12%	614	10%
Networks	5,881	8,116	38%	11,327	40%
Organizations	7,490	9,132	22%	11,917	30%
Users	7,866	11,486	46%	15,538	35%

# Comitê de Administração



Luisa Fernanda  
Villa y  
Battenberg



Hendrik  
Braasch



Christoffer  
Hansen



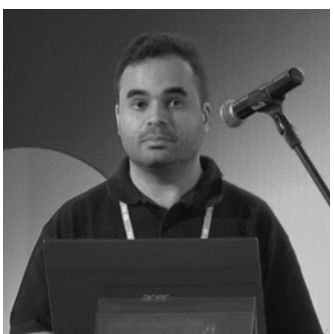
Peter  
Helmenstine



Bryan  
Jong



Noelle  
Kenny



Julimar Mendes



Arnold Nipper -  
Chair



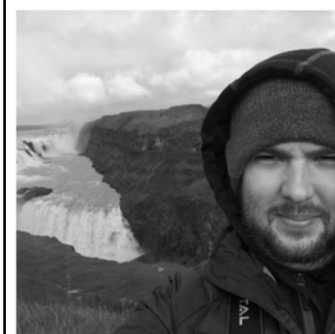
Rob Parker



Brad Raymo



Job  
Snijders



Marty  
Strong



# Validações automáticas

- A validação automática de solicitações foi introduzida no PeeringDB em 5 de Julho de 2017.
  - Validação baseada na informação de whois
- Ação que reduziu o trabalho humano do time de administradores do PeeringDB.
  - ~2,900 tickets foram atendidos desde 5 de Julho de 2017 (33% do total de tickets)

***Por esse motivo é muito importante que as informações de whois dos Sistemas Autônomos estejam atualizadas.***

# IX.br(PTT.br) – Guias PeeringDB

Em 2013 a equipe do PTT.br publicou a primeira versão do Guia de cadastro de informações de ASNs no PeeringDB:

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

Em 2016 a versão do Guia foi atualizada:

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

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

Recentemente foi solicitado o cadastro das facilities que hospedam PIXes do IX.br

Para ajudar as entidades no cadastro a equipe do IX.br criou o documento “Guia de cadastro de facilities no PeeringDB”

[https://ix.br/doc/peeringdb\\_cadastro\\_de\\_facilities.pdf](https://ix.br/doc/peeringdb_cadastro_de_facilities.pdf)

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

O que é uma Facility?

Para o PeeringDB uma Facility é uma instalação física que opera como um ponto de interconexão para troca tráfego (Peering) entre Sistemas Autônomos.

Uma Facility não é apenas uma instalação onde exista um datacenter para hospedagem de serviços próprios ou serviços para clientes próprios.

Para ser listado como uma Facility no PeeringDB espera-se que seja ofertado serviços de colocation, datacenter e meet-me-room para o público em geral.

**Não solicitar cadastro de Facility caso não atenda os requisitos acima.**

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

A seguir será apresentado um passo a passo de como se cadastrar uma Facility no PeeringDB.

É importante ressaltar que as informações de Facilities serão públicas, sendo possível qualquer usuário pesquisar através do site <https://peeringdb.com>

**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 de cadastro de Facilities no PeeringDB

Caso ainda não possua usuário criado, seguir o procedimento abaixo antes de seguir neste procedimento:

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

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

← → ↻ Seguro | <https://peeringdb.com>

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

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.

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

**MOST RECENT UPDATES**

NETWORKS	FACILITIES	EXCHANGES
<a href="#">RIT-ASN (4385)</a> 10 minutes ago	<a href="#">EdgeConneX Salt Lake City (EDCSLC01)</a> 41 minutes ago	<a href="#">MegaFon-IX</a> 14 hours ago
<a href="#">Nessus GmbH (47692)</a> 23 minutes ago	<a href="#">EdgeConneX Tallahassee (EDCTAL01)</a> 43 minutes ago	<a href="#">Bharat IX - Mumbai</a> 1 days ago
<a href="#">Salesforce.com (14340)</a> 35 minutes ago	<a href="#">EdgeConneX Seattle (EDCSEA01)</a> 43 minutes ago	<a href="#">Litix</a> 2 days ago
<a href="#">ASN267043 (267043)</a> 42 minutes ago	<a href="#">EdgeConneX Richmond (EDCRIC01)</a> 44 minutes ago	<a href="#">BY-IX</a> 4 days ago
<a href="#">Servicios De TI Dominicana (262931)</a> 1 hours ago	<a href="#">EdgeConneX Minneapolis (EDCMIN01)</a> 44 minutes ago	<a href="#">Extreme IX Hyderabad</a> 8 days ago

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**Contact Us**  
[support@peeringdb.com](mailto:support@peeringdb.com)

**Global System Statistics**  
11620 Peering Networks  
644 Public Exchange Points  
22236 Unique Public Exchange Presences  
2678 Private Facilities  
20165 Private Facility Presences

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

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

← → ↻ Seguro | https://peeringdb.com

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

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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.

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**MOST RECENT UPDATES**

**NETWORKS**

- [RIT-ASN](#) (4385) 10 minutes ago
- [Nessus GmbH](#) (47692) 23 minutes ago
- [Salesforce.com](#) (14340) 35 minutes ago
- [ASN267043](#) (267043) 42 minutes ago
- [Servicios De Ti Dominicana](#) (262931) 1 hours ago

**FACILITIES**

- [EdgeConneX Salt Lake City \(EDCSLC01\)](#) 41 minutes ago
- [EdgeConneX Tallahassee \(EDCTAL01\)](#) 43 minutes ago
- [EdgeConneX Seattle \(EDCSEA01\)](#) 43 minutes ago
- [EdgeConneX Richmond \(EDCRIC01\)](#) 44 minutes ago
- [EdgeConneX Minneapolis \(EDCMIN01\)](#) 44 minutes ago

**EXCHANGES**

- [MegaFon-IX](#) 14 hours ago
- [Bharat IX - Mumbai](#) 1 days ago
- [Litix](#) 2 days ago
- [BY-IX](#) 4 days ago
- [Extreme IX Hyderabad](#) 8 days ago

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**Contact Us**  
[support@peeringdb.com](mailto:support@peeringdb.com)

**Global System Statistics**  
11620 Peering Networks  
644 Public Exchange Points  
22236 Unique Public Exchange Presences  
2678 Private Facilities  
20165 Private Facility Presences

- *Faça login com o seu usuário*



# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

Seguro <https://peeringdb.com/search?q=MOB%20Telecom>

Visualizar informações do site

PeeringDB

Search here for a network, IX, or facility.

Advanced Search

Julimar

Exchanges (0)

Networks (1)

Facilities (0)

Mob Servicos de Telecomunicacoes Ltda (28598)

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

Contact Us  
[support@peeringdb.com](mailto:support@peeringdb.com)

Global System Statistics  
11568 Peering Networks  
642 Public Exchange Points  
22153 Unique Public Exchange Presences  
2677 Private Facilities  
20081 Private Facility Presences

**- Faça uma busca da entidade a qual deseja criar uma Facility**

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

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

## Mob Servicos de Telecomunicacoes Ltda

[Mob Servicos de Telecomunicacoes Ltda](#) Edit

Organization	Mob Servicos de Telecomunicacoes Ltda
Also Known As	Mob Telecom
Company Website	<a href="http://www.mobtelecom.com.br">http://www.mobtelecom.com.br</a>
Primary ASN	28598
IRR Record	
Route Server URL	
Looking Glass URL	
Network Type	NSP
IPv4 Prefixes	1200
IPv6 Prefixes	300
Traffic Levels	100-200 Gbps
Traffic Ratios	Mostly Inbound
Geographic Scope	Regional
Protocols Supported	<input checked="" type="radio"/> Unicast IPv4 <input type="radio"/> Multicast <input checked="" type="radio"/> IPv6
Last Updated	2018-01-05T14:17:08Z
Notes	

PeeringDB Configuration

Allow IXP Update

Peering Policy Information

Peering Policy	
General Policy	Open
Multiple Locations	Not Required
Ratio Requirement	No
Contract Requirement	Not Required

Contact Information

### Public Peering Exchange Points

Exchange	IPV4	Speed
ASN	IPV6	RS Peer
<a href="#">IX.br (PTT.br) Fortaleza</a>	200.219.146.6	10G
28598	2001:128:0:9::6	<input type="radio"/>
<a href="#">IX.br (PTT.br) Rio de Janeiro</a>	45.6.52.219	15G
28598	2001:128:0:2::219	<input type="radio"/>
<a href="#">IX.br (PTT.br) São Paulo</a>	187.16.217.15	10G
28598	2001:128::217:15	<input type="radio"/>
<a href="#">IX.br (PTT.br) São Paulo</a>	187.16.216.245	20G
28598	2001:128::245	<input type="radio"/>

### Private Peering Facilities

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

**- Clicar na organização ao qual desejar criar uma Facility**

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

The screenshot shows the PeeringDB interface for the organization 'Mob Servicos de Telecomunicacoes Ltda'. The page includes a search bar, a navigation menu, and several sections for managing the organization's profile. The 'Add Facility' button is highlighted with a red box.

**Website**

Website	
Address 1	
Address 2	
Location	
Country Code	
Notes	

**Facilities**

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

**Networks**

Name	ASN
<a href="#">Mob Servicos de Telecomunicacoes Ltda</a>	28598

**Exchanges**

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

**Manage**

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

**Users requesting affiliation**

Name	Email	Date
User	Confirmed	

**Users in Organization**

Name	Email	Group
User		

- Clicar em “Add Facility”

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

The screenshot shows the PeeringDB website interface. At the top, the browser address bar displays 'https://www.peeringdb.com/org/9942'. Below the address bar, there is a search bar with the text 'Pesquisar'. The main content area shows a table with one entry: 'Mob Servicos de Telecomunicacoes Ltda' with the value '28598'. Below the table, there is a 'Filter' button and a message: 'Nothing matched your filter. You may filter by Name, Country or City'. The 'Manage' section is visible, with tabs for 'Add Facility', 'Add Network', 'Add Exchange', 'Users', and 'Permissions'. The 'Add Facility' form is highlighted with a red box. The form fields are: Name, Website (with the value 'http://www.example.com'), Address 1, Address 2, City, State, Zip-Code, Country (with the value 'United States of America'), CLLI Code, and NPA-NXX. A 'Submit Facility' button is located to the right of the form. A note next to 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'.

**- Preencher os dados da Facility**

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

Browser address: <https://www.peeringdb.com/org/9942>

Search:

Mob Servicos de Telecomunicacoes Ltda	
Exchanges	28598
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:

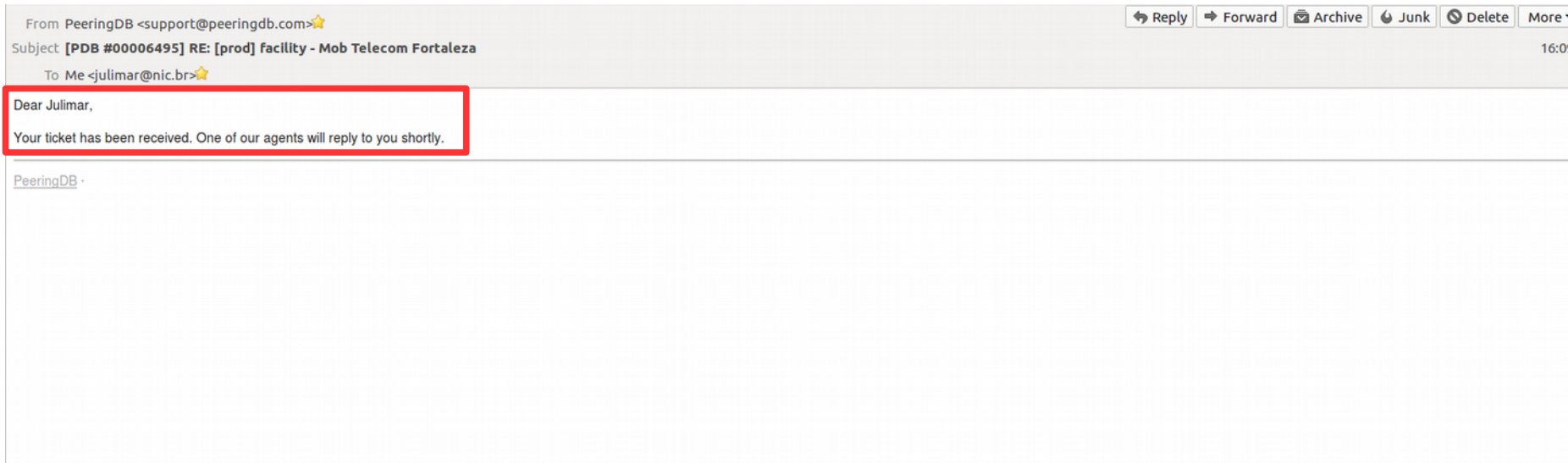
CLLI Code:

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

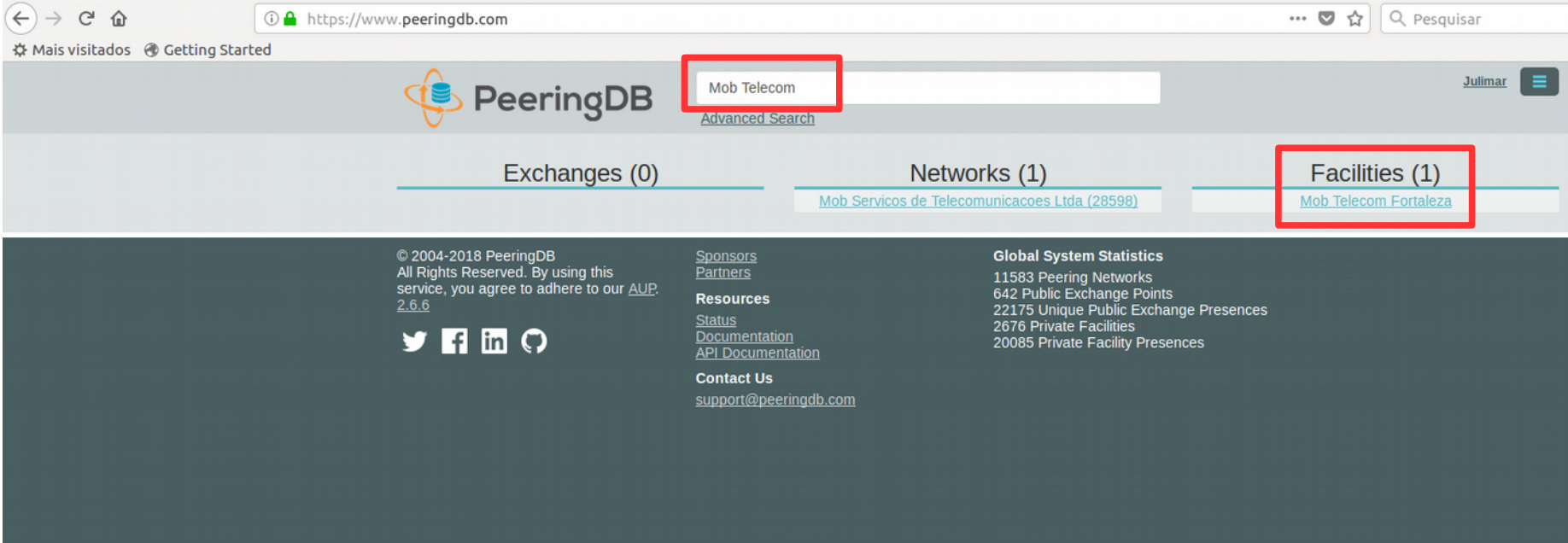
**- Clicar em “Submit Facility”**

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB



***- Neste momento um ticket é aberto para a equipe do peeringDB  
É necessário aguardar a aprovação da Facility***

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB



The screenshot shows the PeeringDB website interface. At the top, there is a search bar with the text "Mob Telecom" entered and highlighted by a red box. Below the search bar, the main content area is divided into three sections: "Exchanges (0)", "Networks (1)", and "Facilities (1)". The "Facilities (1)" section is highlighted with a red box and contains a single entry: "Mob Telecom Fortaleza". The footer of the page includes copyright information, social media icons, and various links such as "Sponsors", "Partners", "Resources", "Status", "Documentation", "API Documentation", "Contact Us", and "Global System Statistics".

**- Depois de aprovado pela equipe do PeeringDB, realizando uma consulta pública é possível verificar os dados da Facility criada**

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

The screenshot shows the PeeringDB website interface. The main content area displays the details for a facility named 'Mob Telecom Fortaleza'. The details are organized into a table with the following fields:

Organization	<a href="#">Mob Servicos de Telecomunicacoes Ltda</a>
Website	<a href="https://www.mobtelecom.com.br/">https://www.mobtelecom.com.br/</a>
Address 1	Avenida da Abolição, 4140 - Mucuripe
Address 2	
Location	Fortaleza, CE, 60165-082
Country Code	BR
Geocode	<a href="#">-3.724437, -38.481912</a>
CLLI Code	
NPA-NXX	
Notes	

Below the details table, there are sections for 'Local Exchanges' and 'Networks', both of which show a message: 'Nothing matched your filter'. The 'Edit' button is located in the top right corner of the facility details section.

**- Após a criação da Facility os dados da mesma podem ser alterados/atualizados pelo próprio administrador da organização**



# IX.br(PTT.br) – Guia de cadastro de Facilities no 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 button labeled "Advanced Search" which is highlighted with a red box. The website header includes the PeeringDB logo and the name "Julimar". Below the search bar, there is a main heading: "PeeringDB facilitates the exchange of information related to Peering." followed by a paragraph explaining the database's purpose and a link to the FAQ. The page is divided into three columns: "NETWORKS" with links like ATALINK, TELECOMUNICACOES, and others; "FACILITIES" with links like Infium Baltic, Technical University, and others; and "EXCHANGES" with links like LONAP, GAB-IX, and others. The footer contains copyright information, social media icons, and contact details.

**- A Facility que foi criada pode ser consultada publicamente clicando em “Advanced Search”**

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

The screenshot shows the PeeringDB website's advanced search interface. The 'Facilities' tab is selected and highlighted with a red box. The search form includes fields for Name, City, Country (with a dropdown menu showing a list of countries including Afghanistan, Åland Islands, Albania, Algeria, American Samoa, Andorra, and Angola), and Continental Region (with a dropdown menu showing a list of regions including North America, Asia Pacific, Europe, South America, Africa, Australia, and Middle East). There are also fields for IP Block and Media Type (with a dropdown menu showing Ethernet, ATM, and Multiple). The form has 'Reset' and 'Search' buttons. The footer contains copyright information, social media icons, and global system statistics.

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[2.7.2](#)

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**Sponsors**  
[Partners](#)

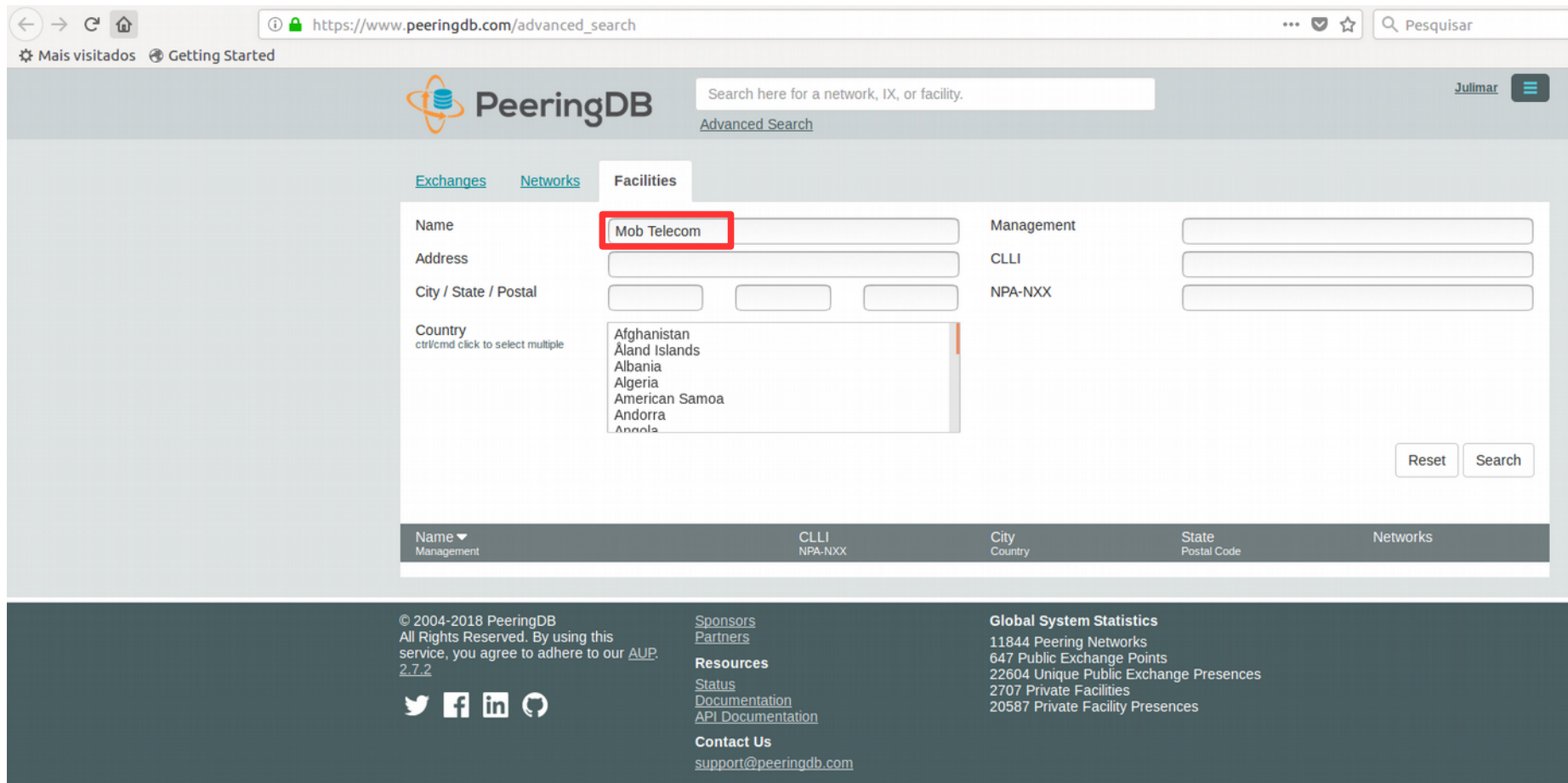
**Resources**  
[Status](#)  
[Documentation](#)  
[API Documentation](#)

**Contact Us**  
[support@peeringdb.com](mailto:support@peeringdb.com)

**Global System Statistics**  
11844 Peering Networks  
647 Public Exchange Points  
22604 Unique Public Exchange Presences  
2707 Private Facilities  
20587 Private Facility Presences

- Clicar na aba “Facilities”

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB



PeeringDB

Search here for a network, IX, or facility.

Advanced Search

Exchanges Networks **Facilities**

Name:

Address:

City / State / Postal:

Country:

Management:

CLLI:

NPA-NXX:

Reset Search

Name	CLLI	City	State	Networks
Management	NPA-NXX	Country	Postal Code	

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Contact Us  
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Global System Statistics  
11844 Peering Networks  
647 Public Exchange Points  
22604 Unique Public Exchange Presences  
2707 Private Facilities  
20587 Private Facility Presences

**- Digitar o nome da Facility e clicar em "Search"**

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

The screenshot displays 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". Below the search bar, there are tabs for "Exchanges", "Networks", and "Facilities". The "Facilities" tab is active, showing a form with the following fields:

- Name: Mob Telecom
- Address: (empty)
- City / State / Postal: (empty)
- Country: A dropdown menu showing a list of countries including Afghanistan, Åland Islands, Albania, Algeria, American Samoa, Andorra, and Angola.
- Management: (empty)
- CLLI: (empty)
- NPA-NXX: (empty)

Below the form, there are buttons for "Reset" and "Search", and links for "JSON" and "CSV". Below the form, there is a table with the following columns: Name, Management, CLLI, City, Country, State, Postal Code, and Networks. The table contains one row with the following data:

Name	Management	CLLI	City	Country	State	Postal Code	Networks
<a href="#">Mob Telecom Fortaleza</a> Mob Serviços de Telecomunicações Ltda		-	Fortaleza	BR	CE	60165-092	0

- Os dados da Facility pesquisada serão exibidos na parte inferior da tela

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

- Dos 122 PIXes nas 30 localidades, 58 PIXes foram acionados para inserção de informações de Facilities.
- Caso a entidade possua sua Facility cadastrada no PeeringDB, e faça hospedagem de um PIX do IX.br, ela poderá solicitar a Equipe de Engenharia do IX.br a divulgação desta informação através do email [eng@ix.br](mailto:eng@ix.br)

# IX.br(PTT.br) – Guia de cadastro de Facilities no PeeringDB

PeeringDB

Search here for a network, IX, or facility.

Mob Telecom Fortaleza

Organization: [Mob Servicos de Telecomunicacoes Ltda](#)

Website: <https://www.mobtelecom.com.br/>

Address 1: Avenida da Abolição, 4140 - Mucuripe

Address 2:

Location: Fortaleza, CE, 60165-082

Country Code: BR

Geocode: [-3.724437, -38.481912](#)

CLLI Code:

NPA-NXX:

Notes:

Local Exchanges

Exchange	Long Name	Networks
<a href="#">IX.br (PTT.br) Fortaleza</a>	IX.br (PTT.br) Fortaleza	49

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Sponsors  
Partners

Resources  
Status  
Documentation  
API Documentation

Contact Us  
[support@peeringdb.com](mailto:support@peeringdb.com)

Global System Statistics  
11844 Peering Networks  
647 Public Exchange Points  
22604 Unique Public Exchange Presences  
2707 Private Facilities  
20591 Private Facility Presences

**- Após o cadastro por parte da equipe do IX.br, a informação pode ser consultada publicamente**

# Agradecimentos – Estudo de Caso

## Mob Telecom

asn:	AS28598
titular:	Mob Servicos de Telecomunicacoes Ltda
documento:	07.870.094/0001-07
responsável:	Salim Bayde Neto





# Perguntas?

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

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