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

Malaysia and the other ASEAN countries

Country	IX	Facilities	Networks at IXes	Networks in Facilities	Networks total	Networks in PeeringDB	Networks in RIR
BN	0	1	0	0	0	3	15
ID	15	36	143	71	165	230	1655
KH	3	2	20	1	20	35	122
LA	0	0	0	0	0	3	31
MM	1	3	13	1	14	28	89
MY	3	22	102	85	123	88	266
PH	5	4	31	21	43	58	440
SG	5	35	361	355	469	107	540
TH	7	18	57	53	80	69	566
VN	3	4	3	2	5	22	367

The GUI // org view

OPEN DC SDN BHD

Edit

Some of the data on this page is incomplete, please update the fields marked with ⓘ to improve data quality.

Website ⓘ	
Address 1 ⓘ	
Address 2	
Location ⓘ	
Country Code ⓘ	
Notes	

Facilities   Filter

Name ▾	Country City
Open DC Datacenter	Malaysia Johor Bahru

Networks   Filter

Name ▾	ASN
JBIX Route Servers	138009

Exchanges   Filter

Name ▾	Country City
JBIX	Malaysia Johor Bahru

Facilities are Shown Here
Open DC has 1 Facility

Networks are Shown Here
Open DC has 1 Network Record

Exchanges are Shown Here
OPEN DC has 1 Exchange Record

The GUI // net view

JBIX Route Servers

Edit

Organization	OPEN DC SDN BHD
Also Known As	JBIX
Company Website	http://www.jbix.my
Primary ASN	138009
IRR as-set/route-set	OPENDC-AS-AP
Route Server URL ❶	
Looking Glass URL ❶	
Network Type	Route Server
IPv4 Prefixes	70000
IPv6 Prefixes	40000
Traffic Levels	Not Disclosed
Traffic Ratios	Balanced
Geographic Scope	Global
Protocols Supported	⊘ Unicast IPv4 ◯ Multicast ⊘ IPv6
Last Updated	2019-04-02T01:31:51Z
Notes	

PeeringDB Configuration

Allow IXP Update	◯
IXP Update Tools	Preview Postmortem

Public Peering Exchange Points

Filter

Exchange ▾ ASN	IPv4 IPv6	Speed RS Peer
JBIX JBIX 138009	103.119.232.1 2403:4ac0::1	1G ◯
JBIX JBIX 138009	103.119.232.2 2403:4ac0::2	1G ◯

Private Peering Facilities

Filter

Facility ▾ ASN	Country City

No filter matches.
You may filter by **Facility**, **ASN**, **Country** or **City**.

Connections to IXes are Shown Here
JBIX RS has 2 Connections

Connections at Facilities are Shown Here
JBIX RS has 0 Connections

The GUI // fac view

AIMS Kuala Lumpur

Edit

Organization	AIMS Data Centre Sdn Bhd
Website	http://www.aims.com.my/
Address 1	Ground Floor, Menara AIMS
Address 2	Changkat Raja Chulan
Location	Kuala Lumpur, Wilayah Persekutuan, 50200
Country Code	MY
Geocode	3.14969, 101.70634
CLLI Code	
NPA-NXX	
Notes	

Local Exchanges

Filter

Exchange ▼	Long Name	Networks
CSL Thai-IX Malaysia	Thai-IX Malaysia by CS Loxinfo	14
JBIX	Johor Bahru Internet Exchange	28
MyIX	Malaysia Internet Exchange	92

Networks

Filter

Peer Name ▼	ASN
Acme Commerce Sdn Bhd	45945
ACODA	58910
ACODA Networks Sdn Bhd	58983
Advanced Wireless Network Co. Ltd.(IIG)	45430
Agarto Sdn Bhd	56111
AIMS Data Centre Sdn Bhd	45668
Alibaba Cloud CDN	24429
Amazon.com	16509
Arcnet	10204
Cato Networks	13150
Celcom (M) Berhad	10030
China Mobile International	58453
ClearComm Sdn Bhd	18227
Cloudflare	13335
CMC Telecom	45903
Colocation Hosting Sdn Bhd	55761
CS LoxInfo (IIG)	7568
DiGi Telecommunications Malaysia	4818

Local Exchanges are Shown Here
AIMS hosts 3 Exchanges

Networks are Shown Here
AIMS hosts a lot of networks

The GUI // ix View

IX Information is Shown Here

LAN Information is Shown Here
JBIX has 2 IPFX Records

Facility Information is Shown Here
JBIX is in 6 Facilities

JBIX   Edit

Organization	OPEN DC SDN BHD
Long Name	Johor Bahru Internet Exchange
City	Johor Bahru
Country	Malaysia
Continental Region	Asia Pacific
Media Type	Ethernet
Protocols Supported	☑ Unicast IPv4 ○ Multicast ☑ IPv6
Notes	

Contact Information

Company Website	http://www.jbix.my
Traffic Stats Website	
Technical Email	noc@jbix.my
Technical Phone	+60383200000
Policy Email	noc@jbix.my
Policy Phone	

LANs   Filter

Name	DOT1Q	MTU
JBIX	○	9000

○ Enable IX-F Import   Preview

| IPv4 | 103.119.232.0/22 |
| IPv6 | 2403:4ac0::/32 |

Local Facilities   Filter

Facility ▼	Country	City
AIMS Kuala Lumpur	Malaysia	Kuala Lumpur
CJ1 CYBERJAYA	Malaysia	Cyberjaya
CSF CX1 Cyberjaya Malaysia	Malaysia	Cyberjaya
CX2 / MY01 Cyberjaya Malaysia	Malaysia	Cyberjaya
Equinix Singapore (SG1)	Singapore	Singapore
Open DC Datacenter	Malaysia	Johor Bahru

Peers at this Exchange Point   Filter

Peer Name / ASN	IPv4 / IPv6	Speed ▲ / Policy
Hurricane Electric JBIX / 6939	103.119.232.63 / 2403:4ac0::63	20G / Open
Advanced Wireless Network Co. Ltd.(IIG) JBIX / 45430	103.119.232.67 / 2403:4ac0::67	10G / Selective
Akamai Technologies JBIX / 20940	103.119.232.70 / 2403:4ac0::70	10G / Open
Amazon.com JBIX / 16509	103.119.232.66 / 2403:4ac0::66	10G / Selective
Extreme Broadband JBIX / 38182	103.119.232.103 / 2403:4ac0::103	10G / Open
Facebook Inc JBIX / 32934	103.119.232.71 / 2403:4ac0::71	10G / Selective
Facebook Inc JBIX / 32934	103.119.232.72 / 2403:4ac0::72	10G / Selective
Google LLC JBIX / 15169	103.119.232.78 / 2403:4ac0::78	10G / Open
IX Telecom JBIX / 56286	103.119.232.56 / 2403:4ac0::56	10G / Open
Jastel Network Co.,LTD JBIX / 45629	103.119.232.79 / 2403:4ac0::79	10G / Selective
TOT International Internet Gateway JBIX / 38040	103.119.232.87 / 2403:4ac0::87	10G / Open
Valve Corporation JBIX / 32590	103.119.232.82 / 2403:4ac0::82	10G / Open
Yahoo! JBIX	103.119.232.69	10G

Peers are Shown Here

The GUI // Profile View

You have confirmed your email address!

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

In case the RiR entry cannot be retrieved for your ASN, please contact support@peeringdb.com for assistance.

Existing affiliations

Your affiliation with DE-CIX Management GmbH has been approved.

Manage OAuth Applications

Request Affiliation

Your Affiliations

Select language

(English)

Set language preference

Select Language

Change email address

For speedy validation, it is required that you use a work e-mail address. If you plan to register your ASN with PeeringDB, it is recommended that you use an email-address that exists in the ASN's public contact details.

Email

Password

Change Email

Change password

Current Password

Password

Password Verification

Change Password

Change Email and Password

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
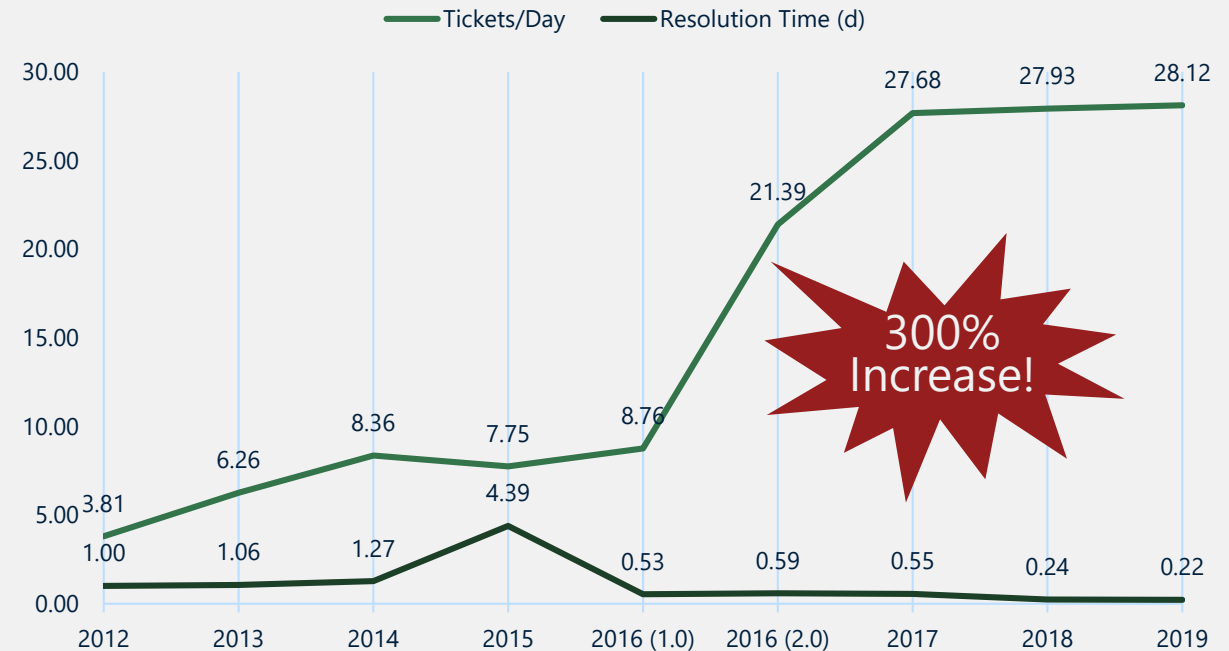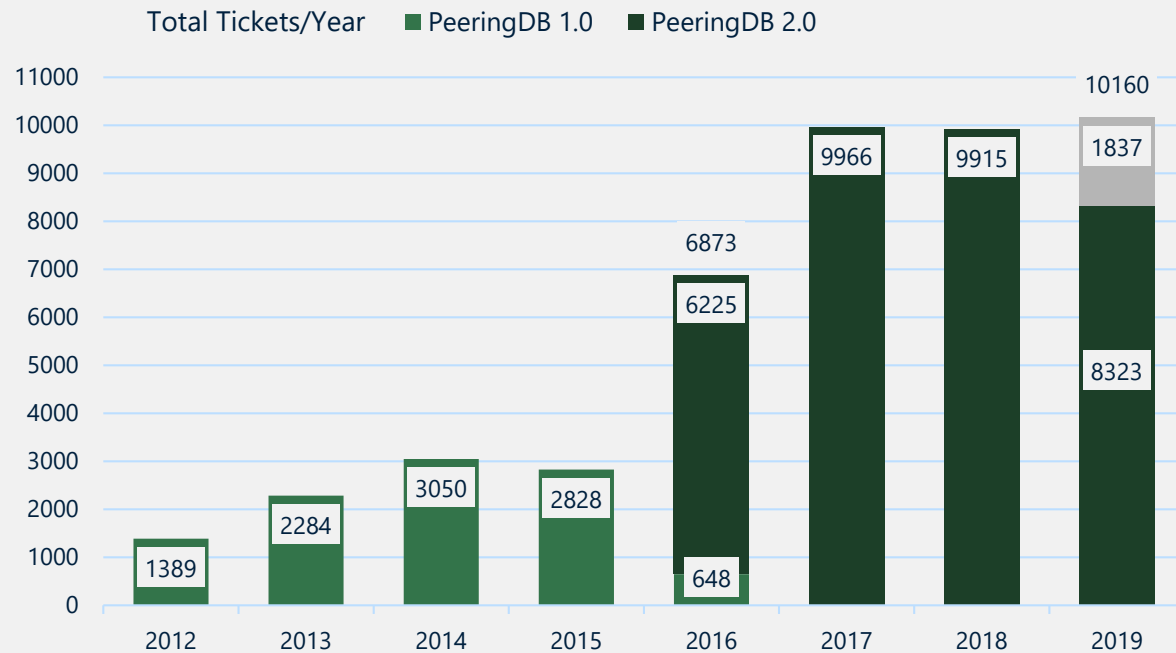
- Admin Committee volunteers are based around the world in a variety of time zones with diverse language skills
- Goal is to resolve support tickets within 24 hours

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
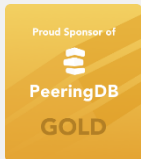
- Silver Sponsorship - $2,500 / year
  - Small logo on fourth line of Sponsors page
  - Silver Sponsor badge display on all records
  - Social media promotion

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

Proud Sponsor of PeeringDB — Gold

Contact sponsorship@peeringdb.com for sponsorship info!

Thank you to our sponsors!

Diamond Sponsor
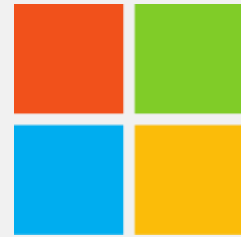
amazon Microsoft

Platinum Sponsors

BCIX DE-CIX YAHOO!

Gold Sponsors

e-shelter facebook FranceIX Convergence hub

Internet Society IX | AUSTRALIA powered by Internet Association of Australia PREFIX IPv4 BROKER Stealth COMMUNICATIONS

Silver Sponsors

anexia ams-ix APNIC BBIX Internet Exchange cologix DIGITAL REALTY epsilon gtt interxion

jpix KDDI | TELEHOUSE lacnic linx NETNOD NIX·CZ NLix neutral internet exchange NTT Communications

NYIIX LAIIX RIPE NCC RIPE NETWORK COORDINATION CENTRE SysEleven TERACO AFRICA'S DATA CENTRE zenlayer

Internationalization Support – New in 2.9.1

Select language

English
English
Portuguese

You have confirmed your email address!

ere for a network, IX, or facility.

Search

ghankins

Nokia
Profile
Logout

1. Go to Your Profile

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

3. Text Now Appears in the Selected Language!

Translations Wanted!
Get in Touch With
productcom@lists.peeringdb.com if
You are Interested in Translating.

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

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

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Questions?