# - - - - - - -0)全球互联网交换中心数据分析报告- -

报告生成时间：2021-04-19 23:00:10.615397

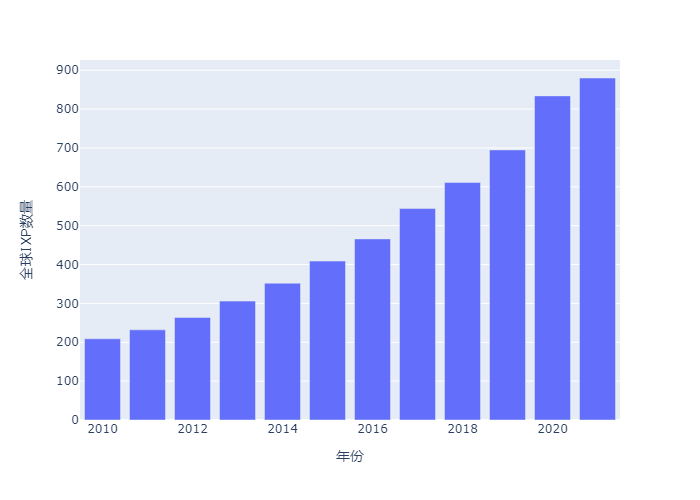
基础数据来源：https://www.peeringdb.com/

# - - - - - - -1)当前时间全球IXP总数统计- - - - - - - - - - - -

截止目前，全球共有880个互联网交换中心

# - - - - - - -2)全球IXP发展趋势- - - - - - - - - - - -

全球互联网自2010年至今，每年总计的IXP数量:



# - - - - - - -3)全球IXP信息按国家（地区）维度统计- - - - - - - - - - - -

全球范围内共有142个国家（地区）部署了IXP

按IXP数量降序排名，TOP 20信息如下：

|  |  |
| --- | --- |
| **国家** | **IXP数量** |
| US | 140 |
| AU | 44 |
| RU | 41 |
| BR | 39 |
| DE | 34 |
| ID | 29 |
| AR | 28 |
| IN | 28 |
| GB | 21 |
| CA | 21 |
| FR | 20 |
| SE | 19 |
| UA | 17 |
| NL | 15 |
| PL | 15 |
| JP | 14 |
| CN | 14 |
| IT | 12 |
| NZ | 10 |
| FI | 10 |

# - - - - - - -4)全球IXP信息按大洲维度统计- - - - - - - - - - - -

按照IXP数量降序排名，各大洲IXP数量分布如下：

Europe:311

Asia Pacific:174

North America:171

South America:97

Africa:60

Australia:51

Middle East:16

# - - - - - - -5)我国IXP发展具体情况- - - - - - - - - - - -

我国大陆地区CN的IXP数量:14，其详细信息如下：

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **更新时间** | **官网网址** | **备注信息** |
| CHN-IX Beijing | 2015-12-01T00:00:00Z | http://www.chn-ix.net | CHN-IX China Beijing |
| CHN-IX Guangzhou | 2016-04-19T06:05:36Z | http://www.chn-ix.net | CHN-IX China Guangzhou |
| CNIX | 2016-05-04T01:21:07Z | http://www.cnix.com.cn | China Internet Exchange |
| CHN-IX Shanghai | 2016-07-19T07:29:03Z | http://www.chn-ix.net | CHN-IX China Shanghai |
| CN-IX-SH | 2017-08-18T03:20:35Z | http://www.cn-ix.com | CN-IX |
| CN-IX-BJ | 2017-08-18T03:36:15Z | http://www.cn-ix.com |  |
| CN-IX-GZ | 2017-08-18T03:37:09Z | http://www.cn-ix.com |  |
| Cnean | 2017-08-29T09:13:57Z | http://www.cnean.com |  |
| FSIX Shanghai | 2020-03-18T08:53:02Z | https://fsix.tutu.green/ | Fantasy Sky Shanghai Internet eXchange |
| ZXIX Hangzhou (Y) | 2020-06-17T23:29:31Z | http://ix.zxinc.org | ZX Internet Exchange Hangzhou (Y) |
| TOHU IX | 2020-06-26T05:01:40Z | https://ix.bairuo.top/ |  |
| MoeIX CSX | 2020-07-25T22:12:30Z | https://www.moeix.top/ | Moe Internet Exchange - Changsha |
| NNIX | 2020-12-08T09:23:34Z | http://www.nnix.cn |  |
| IXPMOE-ZUH | 2021-01-28T15:07:12Z | https://ixp.moe | IXPMOE Internet Exchange Point |

我国香港地区HK的IXP数量:7，其详细信息如下：

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **更新时间** | **官网网址** | **备注信息** |
| HKIX | 2010-07-29T00:00:00Z | https://www.hkix.net/ | Hong Kong Internet Exchange |
| IAIX | 2010-07-29T00:00:00Z | http://www.iadvantage.net | iAdvantage Internet Exchange |
| Equinix Hong Kong | 2010-07-29T00:00:00Z | https://ix.equinix.com | Equinix Internet Exchange Hong Kong |
| AMS-IX Hong Kong | 2012-03-28T00:00:00Z | http://www.ams-ix.hk | Amsterdam Internet Exchange Hong Kong |
| BBIX Hong Kong | 2016-09-20T00:24:23Z | http://www.bbix.net/en/ | BroadBand Internet eXchange Hong Kong |
| ZXIX Hong Kong (Y) | 2020-08-08T05:38:03Z | http://ix.zxinc.org | ZX Internet Exchange Hong Kong (Y) |
| Aperture-IX | 2021-03-26T20:48:58Z | https://ix.apernet.io | Aperture Internet Exchange |

我国台湾地区TW的IXP数量:6，其详细信息如下：

|  |  |  |  |
| --- | --- | --- | --- |
| **名称** | **更新时间** | **官网网址** | **备注信息** |
| TWIX | 2010-07-29T00:00:00Z | https://www.twix.net/index\_e.html | Taiwan Internet Exchange |
| TaipeiGigaPoP | 2010-07-29T00:00:00Z | https://its.sinica.edu.tw/ | Taipei GigaPoP Internet Exchange |
| TPIX-TW | 2014-01-26T00:00:00Z | http://www.tpix.net.tw/ | Taipei Internet Exchange |
| GeekIX Taoyuan (Jumbo) | 2020-09-14T05:29:03Z | http://ix.geeknetworks.com.au | Geek Networks Exchange Taiwan Taoyuan |
| STUIX | 2020-11-25T06:39:02Z | https://stuix.io | Student & Technology United Internet Exchanges |
| GeekIX Taoyuan | 2021-02-23T09:58:51Z | http://ix.geeknetworks.com.au |  |

# - - - - - - -6)全球IXP的IPV6支持情况- - - - - - - - - - - -

已支持IPV6的IXP数量：773

未支持IPV6的IXP数量：107

# - - - - - - -7)案例1：阿姆斯特丹交换中心（AMS-IX）数据统计分析- - - -

IXP名称(简称):AMS-IX

IXP名称(全称):Amsterdam Internet Exchange

IXP所在城市及国家:Amsterdam, NL, Europe

是否支持IPV6:True

官方网站:http://www.ams-ix.net/

该IXP流量信息展示页面:https://www.ams-ix.net/statistics/

该IXP接入网络数量:864

该IXP网络基础设施点:

1> NIKHEF Amsterdam, Amsterdam, NL

2> Digital Realty AMS (Science Park), Amsterdam, NL

3> Equinix AM7 - Amsterdam, Kuiperberweg, Amsterdam, NL

4> Global Switch Amsterdam, Amsterdam, NL

5> Interxion Amsterdam Schiphol Rijk (AMS3, AMS5, AMS7, AMS8, AMS10), Amsterdam, NL

6> Interxion Amsterdam Science Park AMS9 (formerly Vancis / SARA), Amsterdam, NL

7> Iron Mountain Data Center - Amsterdam (AMS-1), Amsterdam, NL

8> Equinix AM1/AM2 - Amsterdam, Luttenbergweg, Amsterdam, NL

9> euNetworks Amsterdam, Amsterdam, NL

10> BIT Datacenter Ede II, Ede, NL

11> Digital Realty AMS (Wenckebachweg), Amsterdam, NL

12> SentiaDC Amsterdam, Amsterdam, NL

13> Global-e Datacenter NLRI1, Rijen, NL

14> Smartdc Data center Rotterdam, Rotterdam, NL

15> Serverius DC1, Dronten, NL

16> NorthC Amsterdam, Amsterdam, NL

17> Dataplace Rotterdam, Alblasserdam, NL

18> Equinix AM5 - Amsterdam, Schepenbergweg, Amsterdam, NL

19> Equinix AM3 - Amsterdam, Science Park, Amsterdam, NL

20> Alticom - IJsselstein, IJsselstein, NL

21> Bytesnet Rotterdam, Rotterdam, NL

22> Equinix AM6 - Amsterdam, Duivendrechtsekade, Amsterdam, NL

23> Datacenter.com AMS1, Amsterdam, NL

24> NLDC B.V. Eindhoven, Eindhoven, NL

25> NLDC B.V. Rotterdam, Rotterdam, NL

# - - - - - - -8)案例2：香港交换中心（HK-IX）数据统计分析- -

IXP名称(简称):HKIX

IXP名称(全称):Hong Kong Internet Exchange

IXP所在城市及国家:Hong Kong, HK, Asia Pacific

是否支持IPV6:True

官方网站:https://www.hkix.net/

该IXP流量信息展示页面:https://www.hkix.net/hkix/stat/aggt/hkix-aggregate.html

该IXP接入网络数量:278

该IXP网络基础设施点:

1> MEGA-i (iAdvantage Hong Kong), Hong Kong, HK

2> CUHK, Hong Kong, HK

3> MEGA Two (iAdvantage Hong Kong), Hong Kong, HK

4> Telehouse - Hong Kong CCC (HKCOLO TKO), Hong Kong, HK

# - - - - - - -9)案例3：莫斯科交换中心（MSK-IX Moscow）数据统计分析- -

IXP名称(简称):MSK-IX Moscow

IXP名称(全称):MSK-IX Moscow

IXP所在城市及国家:Moscow, RU, Europe

是否支持IPV6:True

官方网站:http://www.msk-ix.ru/en

该IXP流量信息展示页面:http://www.msk-ix.ru/en/traffic

该IXP接入网络数量:302

该IXP网络基础设施点:

1> Moscow M9, Moscow, RU

2> Linxdatacenter (Moscow), Moscow, RU

3> CSS MPS Moscow, Moscow, RU

4> Moscow M10, Moscow, RU

5> Moscow CSS MPS, Moscow, RU

6> Moscow TehnoGorod, Moscow, RU

7> StoreData, Moscow, RU

8> M100 datacenter Moscow, Varshavskoe 125, Moscow, RU

9> IXcellerate, Moscow, RU

10> DataSpace1, Moscow, RU

11> DataLine Moscow DC OST, Moscow, RU

12> DataLine Moscow DC NORD, Moscow, RU

13> KIAEHOUSE, Moscow, RU

14> Telehouse - Moscow, Moscow, RU