

The Peering Database

The <https://www.peeringdb.com/> is a freely available, user-maintained database of networks which take part in the global Internet. It is considered the authoritative source of all information relating to network operators who participate in peering around the world.

The database facilitates the global interconnection of networks at Internet Exchange Points (IXPs), data centres, and other interconnection facilities, and is the first stop in making interconnection decisions.

Background

In the early Internet (of the 1990s) there were few network operators and interconnect points around the world that interconnections were relatively straightforward to seek out and implement (in the author's experience anyway). In March 1999 there were 4640 ASNs in the Internet with only 800 providing transit. This compares with today's total exceeding 73000 ASNs and over 10000 ASNs providing transit, never mind that almost every country in the world now has at least one Internet Exchange Point if not a datacentre facilitating commercial interconnects.

In the 1990s establishing new interconnects by attending in major Internet operations meetings (NANOG, RIPE, AfNOG, APRICOT and so on), with network information passed on by word of mouth or email or even by letter!

With the rapid growth of the Internet in the late 1990s and early 2000s, there needed to be a more scalable way for a Network Operator to get their "peering information" out to the global Internet operations community. And hence the PeeringDB was born.

What is the Peering DB

The Peering DB is a repository of the important information that network operators need to determine whether an interconnection is feasible, makes commercial sense, makes technical sense, and is even technically feasible. While the Peering DB website has much more detailed information, the Peering Toolbox is highlighting the key points.

Here are some example entries to show what is possible. The first example (publicly accessible) is of LINX, the London Internet Exchange:

Last update: 2022/05/06 peering-toolbox:the_peering_database https://www.bgp4all.com.au/pfs/peering-toolbox/the_peering_database?rev=1651812473
04:47

PeeringDB [Advanced Search](#)

LINX LON1 [View Network](#)

Peers	Connections	Open Peers	Total Speed	% with IPv6
811	813	588	38.2T	85

Organization **LINK**

Also Known As: **London Internet Exchange Ltd.**

Long Name: London Internet Exchange Ltd.

City: London

Country: GB

Continental Region: Europe

Media Type: Ethernet

Service Level: Not Disclosed

Term: Not Disclosed

Last Updated: 2022-06-28T07:53:16Z

Notes: used to be Juniper LAN

[Transact](#)

Contact Information

Company Website: <https://www.linx.net>

Traffic Stats Website: <https://portal.linx.net>

Technical Email: support@linx.net

Technical Phone: [+44 1992 440000](#)

Policy Email: info@linx.net

Policy Phone: [+44 1992 440000](#)

Sales Email: [+44 1992 440000](#)

Sales Phone: [+44 1992 440000](#)

Health Check: [Check](#)

LAN

MTU	1500
IX/F Member Export URL Visibility	Private

Peers at this Exchange Point [Filter](#)

Peer Name	ASN (IPv4)	Speed	Policy
196.64.226.115	33820 2001:78:4:8480:1	2G	Selective
01 Telecom (ET)	261933 198.86.227.214	10G	Open
2001:78:4:314:61			
0123route Telecom	9116 2001:78:4:239c:1	10G	Open
0123route Telecom	9116 2001:78:4:239c:2	10G	Open
18.1.Verneul Deutschland GmbH	8881 198.86.224.248	100G	Selective
2001:78:4:239:1:1			
100 Percent IT	20915 198.86.225.213	1G	Open
02M.GmbH	47447 198.86.227.70	10G	Open
2001:78:4:6857:1			
28.56.8.100	55891 198.86.227.118	10G	Open
2001:78:4:3529:1			
30.173.2.88	36930 198.86.228.82	10G	Open
40.Data Centres Ltd	31493 198.86.228.142	10G	Selective

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