

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/pfs/peering-toolbox/the_peering_database?rev=1651812473
04:47

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

LINX LON1 View Network

Peers	Connections	Open Peers	Total Speed	% with IPv6
881	113	888	38.2T	89

Organization **LINX**

Also Known As

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 2020-06-29T07:53:16Z

Notes Used to be Juniper LAN

[Thumbnail](#) [View Details](#)

Contact Information

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

Trilio Stats Website <http://portal.linx.net>

Technical Email support@linx.net

Technical Phone [+44 10 800 22222](#)

Policy Email info@linx.net

Policy Phone [+44 10 800 22222](#)

Sales Email

Sales Phone [+44 10 800 22222](#)

Health Check

LAN

MTU	1500
IX/F Member Export URL	Private
Validity	

Peers at this Exchange Point: [Filter](#)

Peer Name	IP	ASN	Speed	Policy
linx	9116	9116	2G	Selective
196.64.226.115	2001:78:4:8480:1			
01_Telecom (ET)	207:903	190	Open	
	198.88.227.214			
2001:78:4:3:14a:1				
052_Socia Telecom	9116	190	Open	
	199.68.226.114	2001:78:4:239e:1		
052_Socia Telecom	9116	190	Open	
	199.68.226.68	2001:78:4:236e:2		
18.1_Venrai	8881	190G	Selective	
Deutschland_0001	198.88.224.246			
2001:78:4:229:1:1				
300_Pareri IT	20915	1G	Open	
	199.68.226.213	2001:78:4:91b:1		
23M_Google	67467	190	Open	
	198.88.227.70			
2001:78:4:3:87:1				
245Mobile Inc	55891	190	Open	
	198.88.227.118			
2001:78:4:3:29:1				
311.13_Services_Ali	38931	190	Open	
	198.88.226.82			
2001:78:4:3:87:1				
43 Data Centres Ltd	31493	190	Selective	
	198.88.226.114	2001:78:4:239e:1		

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