

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:

 PeeringDB		<input type="text" value="Search here for a network, IX, or facility."/>				
Advanced Search						
LINX LON1 <small>(Silver Sponsor)</small>						
Peers	811	Connections	813			
Open Peers	888	Total Speed	38.2T			
			% with IPv6 85			
Organization	LINX					
Also Known As						
Long Name	London Internet Exchange Ltd.					
City	London					
Country	GB					
Continent/Region	Europe					
Media Type	Ethernet					
Service Level	Not Disclosed					
Term(s)	Not Disclosed					
Last Updated	2025-06-29T07:53:16Z					
Notes	<p>Used to be Juniper LAM</p> <p>Transit • Peering</p>					
Contact Information						
Company Website	https://www.linx.net					
Traffic Stats Website	https://perf.linx.net/					
Technical Email	support@linx.net					
Technical Phone	+44 203 318 5000					
Policy Email	info@linx.net					
Policy Phone	+44 203 318 5000					
Sales Email						
Sales Phone						
Health Check						
LAN						
MTU	1500					
IX-F Member Export URL						
Visibility	Private					
Peers at this Exchange Point						
Filter						
Peer Name	IP	ASN	Speed			
	v4	IPv6	Policy			
Just Networks 33820 2G Selective						
	195.68.225.116	2001:78:4:848:1				
BT 31 195.68.227.214 19G Open						
	195.68.225.114	2001:78:4:239c:1				
BT 31 195.68.226.66 19G Open						
	195.68.225.114	2001:78:4:239c:2				
BT 31 195.68.224.348 190G Selective						
	195.68.225.114	2001:78:4:239c:1				
BT 31 195.68.225.213 1G Open						
	195.68.225.213	2001:78:4:51b:1				
BT 31 195.68.227.27.70 19G Open						
	195.68.225.114	2001:78:4:239c:1				
BT 31 195.68.227.118 19G Open						
	195.68.225.114	2001:78:4:239c:2				
BT 31 195.68.228.62 19G Open						
	195.68.225.114	2001:78:4:239c:1				
BT 31 195.68.228.114 19G Selective						
	195.68.225.114	2001:78:4:239c:2				

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