



PeeringDB – Lightning Talk TREX Workshop 2011

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What is it?

- **A web application created in 2004**
- **Designed to facility easy access to the following info:**
 - Co-location facilities
 - Internet Exchange information
 - Network Peering Information
 - ASN
 - Public Presence
 - Private Presence
 - Contacts
 - Peering Policy
- **In the UK we say “a one stop, shop”, a single place for all information related to peering.**

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www.peeringdb.com - login

PeeringDB Login	
Username	<input type="text" value="guest"/>
Password	<input type="password" value="....."/>
<input type="button" value="Login"/>	

The purpose of this project is to facilitate the exchange of information related to Peering. Specifically, what networks are peering, where they are peering, and if they are likely to peer with you. If you don't know what peering is, and/or you don't currently engage in peering, this probably won't have any meaning for you.

If you would like a read-only view of the data contained here without creating an account, you may log in using:

Username: guest

Password: guest

If you are a peering network who would like to create an account, you may [register](#) for one here. Please register ONLY if you are a peering network. You may also [reset](#) lost passwords.

Please read the [FAQ](#) if you have questions. Contact support@peeringdb.com if your questions aren't answered.

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www.peeringdb.com - main

Navigation	Global System Statistics	Your User Account Status
Home Page	Total Peering Networks 3444	Account Login guest
Logout	Total Public Exchange Points 333	Access Level Level 1 (Read-Only Access)
Your Records	Total Unique Public Exchange Presences 11197	Peering Record
Peering Record	Total Private Facilities 903	
User Account	Total Unique Private Facility Presences 7103	

Search Records	Last 15 Updated Participants		
Networks	Company Name	ASN	Date Last Updated
Exchange Points	LUNS Ltd.	30847	9/16/11, 11:06:42 AM GMT
Facilities	Concepts ICT Holding B.V.	12871	9/16/11, 10:12:44 AM GMT
Common Points	Kaora s.r.o.	42000	9/16/11, 06:59:55 AM GMT
Suggestions	ClearIP	41103	9/16/11, 06:59:09 AM GMT
Comments	IZZI	6851	9/16/11, 05:04:56 AM GMT
New Exchange	Naitways	57119	9/15/11, 07:56:37 PM GMT
New Facility	Warwicknet Ltd.	48961	9/15/11, 01:24:44 PM GMT
	Paetec Communications	1785	9/15/11, 11:04:05 AM GMT
Help	RightNow Technologies	15179	9/15/11, 10:47:20 AM GMT
FAQ	Optilian	29246	9/15/11, 09:13:51 AM GMT
Statistics	sunrise, TDC Switzerland AG	6730	9/15/11, 08:18:02 AM GMT
	RCS & RDS	8708	9/15/11, 07:37:55 AM GMT
	PT. First Media, Tbk.	23700	9/15/11, 07:12:40 AM GMT
	Yandex LLC	13238	9/15/11, 05:59:03 AM GMT
	Extreme Broadband	30102	9/15/11, 05:57:01 AM GMT

NOTE: Sending Unsolicited Commercial Emails to contacts mined from PeeringDB will result in a ban and public embarrassment.
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www.peeringdb.com - networks

Company Information			
Company Name	Claranet		
Also Known As			
Company Website	http://www.clara.net		
Primary ASN	8426		
IRR Record	AS-CLARANET		
Network Type	Cable/DSL/ISP		
Approx Prefixes	200		
Traffic Levels	20-50 Gbps		
Traffic Ratios	Balanced		
Geographic Scope	Regional		
Looking Glass URL	http://noc.eu.clara.net/lg.php		
Route Server URL			
Notes	Presence in both EU and North America		
Protocols Supported	Unicast IPv4 <input checked="" type="checkbox"/>	Multicast <input checked="" type="checkbox"/>	IPv6 <input checked="" type="checkbox"/>
Date Last Updated	2011-07-04 03:26:32 UTC		
Peering Policy Information			
Peering Policy URL	http://noc.eu.clara.net/peering.php		
General Policy	Selective		
Multiple Locations	Preferred		
Ratio Requirement	No		
Contract Requirement	Not Required		
Contact Information			
Role	Contact Name	Telephone	E-Mail
Policy	peering		peering@clara.net
NOC	noc	+44 20 7685 8008 / 8336	peerops@clara.net
Technical	noc	+44 20 7685 8008 / 8336	peerops@clara.net

Public Peering Exchange Points						
Exchange Point Name	ASN	IP Address	Mbit/sec			
AMS-IX	8426	2001:7F8:1::A500:8426:1	1000			
AMS-IX	8426	195.69.145.228	1000			
AMS-IX	8426	195.69.144.82	1000			
CATNIX	8426	193.242.98.131	100			
CATNIX	8426	2001:7F8:2A:0:2:1:0:8426	100			
DE-CIX	8426	2001:7F8::20EA:0:2/64	1000			
DE-CIX	8426	2001:7F8::20EA:0:1/64	1000			
DE-CIX	8426	80.81.193.86	1000			
DE-CIX	8426	80.81.192.86	1000			
Edge-IX	8426	212.121.34.18	100			
Equinix Paris	8426	195.42.144.30	1000			
Equinix Paris	8426	2001:7F8:43::0:8426:1	1000			
1 2 3 of 3 Next > Last >>						
Private Peering Facilities						
Facility Name	ASN	City	Country	SONET	Ethr	ATM
Ancotel Frankfurt	8426	Frankfurt	DE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Equinix Paris Saint-Denis (PA2)	8426	Paris	FR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Global Switch (London 1)	8426	London	UK	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Global Switch (London 2)	8426	London	UK	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ice Colo	8426	Manchester	UK	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
IFL 2 Manchester (Reynolds House)	8426	Manchester	UK	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
InterXion Frankfurt 1	8426	Frankfurt	DE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
InterXion Madrid	8426	Madrid	ES	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
SARA Amsterdam	8426	Amsterdam	NL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TelecityGroup London (Harbour Exchange)	8426	London	UK	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TelecityGroup London (Meridian Gate)	8426	London	UK	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
TelecityGroup London (Sovereign House)	8426	London	UK	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
1 2 of 2 Next > Last >>						

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www.peeringdb.com - facilities

Interconnection Facilities View		
Common Name	Telehouse London (Docklands North)	
Facility Management	Telehouse Europe	
Website		
Address 1	14 Coriander Avenue	
Address 2		
City / State / Postal	London E14 2AA	
Country Code	UK	
CLLI Code	LONDEN	
NPA-NXX		
Local Exchanges		
Exchange	Long Name	Participant Count
Edge-IX		74
LINX Brocade LAN	London Internet Exchange Ltd.	604
LINX Extreme LAN	London Internet Exchange Ltd.	312
LIPEX	London Internet Providers Exchange	37
LONAP	London Network Access Point	219
PacketExchange	PacketExchange - eXpress	51
UK6X	BTexact Technologies IPv6	1
XchangePoint	XchangePoint Europe	22
XchangePoint London	XchangePoint Europe	11

List of Private Peering Participants at this Facility (Total: 188)				
Peer Name	ASN	SONET	Ethernet	ATM
4D Data Centres Ltd	31463	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Abovenet Communications Inc.	6461	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adapt	24867	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Axiomus Ltd	6770	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Akamai Technologies	20940	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
altoHiway Ltd	8421	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Andrews and Arnold	20712	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ask4 Ltd	41230	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Associated Networks (UK) Ltd	25061	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Atrato IP Networks	5580	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BBC	2818	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BICS	6774	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BIT BV	12859	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BlinkMind, Inc.	40739	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blue Tiger Solutions	47480	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bogons	3213	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BroadbandONE (formerly WV Fiber)	19151	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BT	5400	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BT Ireland	2110	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BTnet (BT's UK IP Network - AS2856)	2856	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

1 2 3 4 5 6 7 8 9 10 of 10 Next > Last >>

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www.peeringdb.com - IXs

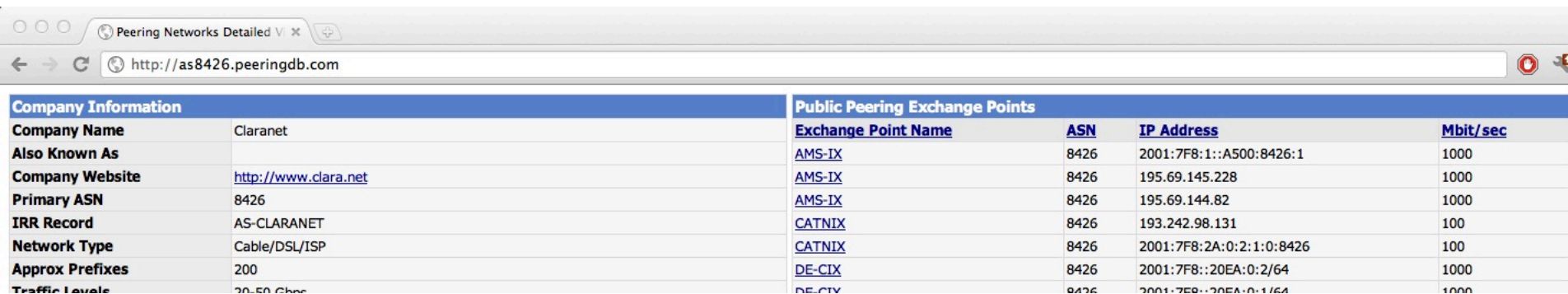
Public Exchange Point Detailed View			
Common Name	LINX Brocade LAN		
Long Name	London Internet Exchange Ltd.		
City	London		
Country	UK		
Continental Region	Europe		
Media Type	Ethernet		
Protocols Supported	Unicast IPv4 <input checked="" type="checkbox"/>	Multicast <input checked="" type="checkbox"/>	IPv6 <input checked="" type="checkbox"/>
Contact Information			
Company Website	https://www.linx.net/		
Traffic Statistics Website	https://stats.linx.net/		
Technical E-Mail	support@linx.net		
Technical Phone	+44 20 76453500		
Policy E-Mail	info@linx.net		
Policy Phone	+44 20 7645 3501		
IP Address Blocks			
Type	Address Block	Reverse DNS Scan	
IPv4 Unicast	195.66.224.0/23	Link	
IPv6 Unicast	2001:7f8:4:0::/64	Unsupported	
IPv4 Multicast	195.66.230.0/26	Link	
Local Facilities			
Facility Name	City	Country	Participant Count
Equinix London Slough (LD4)	Slough	UK	14
Equinix London Slough (LD5)	Slough	UK	3
InterXion London City	London	UK	30
TelecityGroup London (Harbour Exchange)	London	UK	87
TelecityGroup London (Meridian Gate)	London	UK	42
TelecityGroup London (Powergate)	LONDON	UK	4
1 2 of 2 Next > Last >>			

List of Peers at this Exchange Point (Total: 363)				
Peer Name	Local ASN	IP Address	IPs	Policy
012 Smile Telecom	9116	195.66.225.114	2	Selective
013 Netvision	1680	195.66.225.87	1	Restrictive
1&1 Internet	8560	195.66.224.98	2	Open
24/7 Real Media	36805	195.66.225.158/23	1	Open
A1 Telekom Austria AG	8447	195.66.224.211	1	Open
Abovetnet Communications Inc.	6461		1	Restrictive
Adapt	24867	195.66.225.66	2	Selective
Axiomus Ltd	6770	195.66.224.100	1	Open
Afilias	12041	195.66.224.55/23	2	Open
Africa Independent Network Exchange (Pty) Ltd	37179	195.66.225.137	2	Open
Africa Online Operations (Mauritius) Ltd.	18922	195.66.224.115	1	Open
Akamai Technologies	20940	195.66.224.168	2	Open
Akhter Computers LTD	15988	195.66.224.157	1	Open
Alentus UK Limited	21321	195.66.225.157	1	Open
Altech Technology Concepts	37253	195.66.224.202	1	Open
Amazon.com	16509	195.66.225.175	1	Open
Anders Telecom	39792	195.66.224.50	1	Selective
Andrews and Arnold	20712	195.66.225.47	2	Open
AQ Networks (AQL)	33920	195.66.225.115	2	Selective
Arsys Internet S.L.	20718	195.66.224.165	2	Open
ASDASD srl	28929	195.66.225.99	2	Open
Ask4 Ltd	41230	195.66.224.104	1	Open
Associated Networks (UK) Ltd	25061	195.66.225.22	1	Open
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What other access methods?

- Direct HTTP URL for your AS



Company Information		Public Peering Exchange Points			
Company Name	Claranet	Exchange Point Name	ASN	IP Address	Mbit/sec
Also Known As		AMS-IX	8426	2001:7F8:1::A500:8426:1	1000
Company Website	http://www.clara.net	AMS-IX	8426	195.69.145.228	1000
Primary ASN	8426	AMS-IX	8426	195.69.144.82	1000
IRR Record	AS-CLARANET	CATNIX	8426	193.242.98.131	100
Network Type	Cable/DSL/ISP	CATNIX	8426	2001:7F8:2A:0:2:1:0:8426	100
Approx Prefixes	200	DE-CIX	8426	2001:7F8::20EA:0:2/64	1000
Traffic Levels	20-50 Gbps	DE-CIX	8426	2001:7F8::20EA:0:1/64	1000

- Finger

```
$ finger 8426@peeringdb.com | head -10  
[peeringdb.com]
```

General Network Information

```
-----  
Network Name      : Claranet  
Name Aliases     :  
Primary ASN      : 8426  
Website          : http://www.clara.net  
IRR AS-SET       : AS-CLARANET  
Network Type     : Cable/DSL/ISP
```

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- Whois

```
$ whois -h peeringdb.com AS8426 | head -10
```

General Network Information

```
-----  
Network Name      : Claranet  
Name Aliases     :  
Primary ASN      : 8426  
Website          : http://www.clara.net  
IRR AS-SET       : AS-CLARANET  
Network Type     : Cable/DSL/ISP  
Approx BGP Prefixes : 200
```


What other access methods?

- **MySQL!**

```
$ mysql -hpeeringdb.com -upeeringdb -ppeeringdb Peering
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
```

```
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 100956 to server version: 5.4.3-beta-log
```

```
Type 'help;' or '\h' for help. Type '\c' to clear the buffer.
```

```
mysql> show tables;
+-----+
| Tables_in_Peering |
+-----+
| mgmtFacilities    |
| mgmtPublics       |
| mgmtPublicsFacilities |
| mgmtPublicsIPs    |
| peerParticipants  |
| peerParticipantsContacts |
| peerParticipantsPrivates |
| peerParticipantsPublics |
+-----+
```

```
mysql> desc mgmtPublics;
+-----+-----+-----+
| Field | Type | Null |
+-----+-----+-----+
| id    | int(10) unsigned | NO |
| approved | enum('Y', 'N') | NO |
| name  | varchar(64) | NO |
| name_long | varchar(128) | YES |
| ipaddr | varchar(128) | YES |
| city  | varchar(64) | NO |
| country | char(2) | NO |
| region_continent | enum('North America', 'Asia Pacific', 'Europe', 'South America', 'Africa', 'Australia', 'Middle East') | NO |
| media | enum('Ethernet', 'ATM', 'Multiple') | NO |
| tech_email | varchar(64) | YES |
| tech_phone | varchar(64) | YES |
| policy_email | varchar(64) | YES |
| policy_phone | varchar(64) | YES |
| website | varchar(128) | YES |
| url_stats | varchar(128) | YES |
| proto_unicast | char(1) | YES |
| proto_multicast | char(1) | YES |
| proto_ipv6 | char(1) | YES |
+-----+-----+-----+
```

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How do I get a record?

- If you are peering network, you can Register with your work address :

For speedy validation, it is **required** that you use a work e-mail address.

Register for a New Account	
Desired Login	<input type="text" value="foonet"/>
Desired Password	<input type="password"/>
Confirm Password	<input type="password"/>
First Name	<input type="text"/>
Last Name	<input type="text"/>
E-Mail Address	<input type="text"/>
<input type="submit" value="Submit"/>	

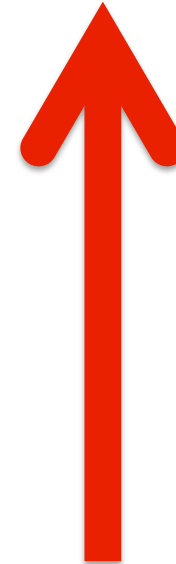
- You will be approved by one of the many admins
- You can then create a record / attach to an existing one.

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What's wrong here?

Public Exchange Point Detailed View			
Common Name	TREX		
Long Name	Tampere Region Exchange		
City	Tampere		
Country	FI		
Continental Region	Europe		
Media Type	Ethernet		
Protocols Supported	Unicast IPv4 <input checked="" type="checkbox"/> Multicast <input checked="" type="checkbox"/> IPv6 <input checked="" type="checkbox"/>		
Contact Information			
Company Website	http://www.trex.fi/		
Traffic Statistics Website			
Technical E-Mail	staff-2009@trex.fi		
Technical Phone	+358456702048		
Policy E-Mail	info-2009@trex.fi		
Policy Phone	+358456702048		
IP Address Blocks			
Type	Address Block	Reverse DNS Scan	
No records			
Local Facilities			
Facility Name	City	Country	Participant Count
No records			

List of Peers at this Exchange Point (Total: 2)				
Peer Name	Local ASN	IP Address	IPs	Policy
CSC/Funet	1741	195.140.192.17	2	Open
MMD Networks Oy	29243	195.140.192.11	1	Open



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Any questions?



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