



CEE Peering Day, 2014

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What is Euro-IX?

<https://www.euro-ix.net/euro-ix>

Euro-IX is an association of European Internet Exchanges, promoting an open interchange of ideas and experiences ...

➤ Euro-IX in numbers

- 76 affiliated IXPs :
 - 52 IXPs in Europe (31 Countries), operating over 100 Internet exchanges
 - 24 IXPs from the rest of the world
 - Newest Members, ARMix, Armenia, KOSIX (Kosovo), JINX (South Africa), TorIX (Canada), WAIX (Australia) and NAP Africa (South Africa), TPIX (Poland), DO-IX (Germany)

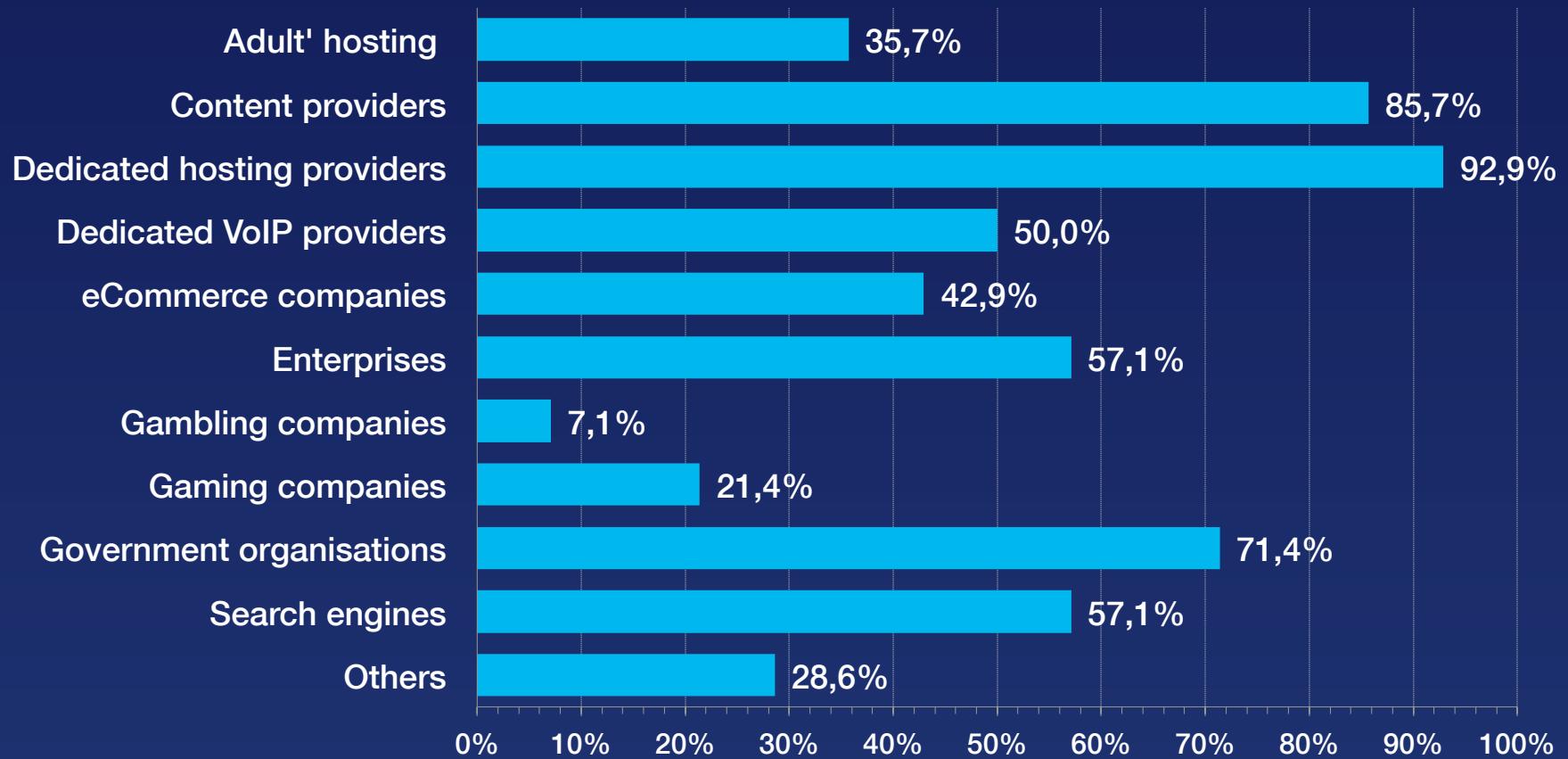


Euro-IX in numbers

- 11 affiliated patrons:

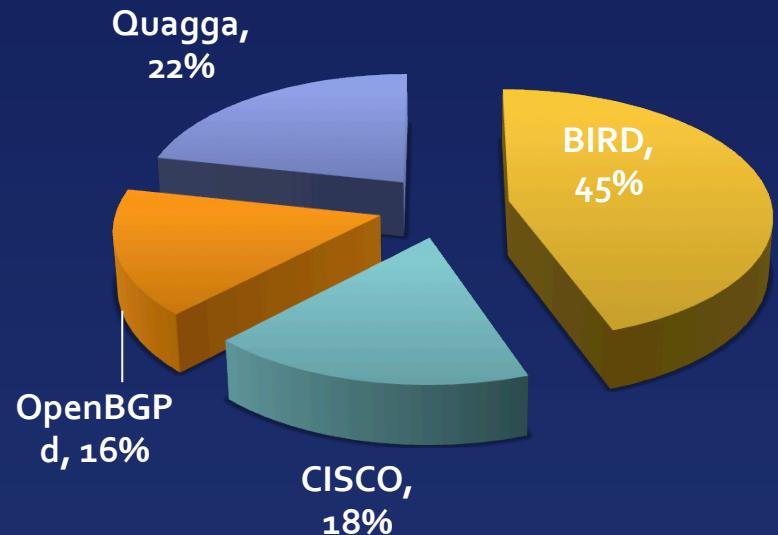
- ADVA Optical Networking
- Alcatel-Lucent
- Brocade
- Cisco
- Extreme Networks
- Huawei
- Interxion
- Juniper Networks
- MRV
- Telecity
- Telehouse

Who connects to an IXP?



➤ Route server daemons in use within the Euro-IX Membership (%)

BIRD – LINX, France-IX, NIX.CZ, VIX
CISCO - AMS-IX, MSK-IX, UA-IX
OpenBGPD - BCIX, SWISS-IX, NL-ix
Quagga – PTT.br, JPNAP, ECIX



➤ IXPs in Euro-IX Region – Europe

161 KNOWN IXPs IN THE EURO-IX REGION

48 of 50 COUNTRIES have IXPs

123 CITIES in Europe have IXPs



**Known Euro-IX Region Traffic Growth
from a 12 month period in Gbps (over
public peering LAN)**



Meet the other Internet Exchange Point Associations (IXPAs)



➤ The Internet revealed, a movie about IXPs



Now available in English, French, Turkish, Spanish, Romanian, Portuguese and German, check out the Euro-IX Youtube channel:
<http://www.youtube.com/user/TheEuroIX>

... and more languages to come! If you're interested in translating the video contact us!



Euro-IX Tools

<https://www.euro-ix.net/>

Live demo ☺



Euro-IX Tools – ASN Filter

Euro-IX ASN Filter

Further explanation of the ASN Filter options can be found [here](#).

ASNs that peer at:

NAP INCA (Peru)
6NGIX (Korea, Republic of)
AAIX (Austria)
ACT-IX – Canberra (Australia)
AIXP (Tanzania, United Republic of)
ALB-IX (Albania)
AMS-IX (Netherlands)
AMS-IX Caribbean (Netherlands Antilles)
AMS-IX Hong Kong (China)
AMS-IX New York (United States of America)
ANG-IXP (Angola)
Any2 (CoreSite) Boston (United States of America)
Any2 (CoreSite) Chicago (United States of America)
Any2 (CoreSite) Miami (United States of America)
Any2 (CoreSite) Milpitas (United States of America)

- List all
- Only
- And other IXPs
- And at =>
- But not at =>
- And other IXPs, but not at =>

NAP INCA (Peru)
6NGIX (Korea, Republic of)
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Filter



Euro-IX Tools – Peering Matrix

Euro-IX Peering Matrix

[Download CSV](#)

IXP	CoreSite - Any Loss																				
	Total listed ASNs at IXP	ASNs that don't peer at other IXPs	% of ASNs that don't peer at other IXPs	ASNs that peer at other IXPs	% of ASNs that peer at other IXPs	ALB-IX	AMS-IX	AMS-IX Caribbean	AMS-IX Hong Kong	AMS-IX New York	ARMINX	BBIX	BCIX	BiX	BiX.BG	CATNIX	BNIK	BiX	CIXP	CIX	CoreSite - Any Loss
PTT Sao Paulo (SP)	489	317	65	172	35	0	14	0	0	0	0	4	1	0	3	1	0	0	1	7	
MSK-IX	366	263	72	103	28	0	43	1	0	0	0	1	4	2	0	2	2	1	1	1	4
TPIX	311	221	71	90	29	0	11	0	0	0	0	1	1	0	1	1	0	0	0	0	1
NAPAfrica	82	57	70	25	30	0	9	0	0	0	0	3	1	0	3	0	0	0	0	0	4
NIX.CZ	106	54	51	52	49	0	28	1	0	0	0	1	6	11	0	3	7	1	2	2	8
VIX	121	52	43	69	57	0	42	0	0	0	0	1	13	6	0	4	8	1	6	10	12
MIX-IT	135	47	35	88	65	0	51	1	0	0	0	6	7	0	2	9	3	1	7	9	
JPIX	143	45	31	98	69	0	17	0	0	0	0	6	5	2	0	5	0	0	0	2	13
IX Australia	58	38	66	20	34	0	4	0	0	0	0	2	0	0	1	0	0	0	0	0	4



Euro-IX Tools – ASN Database

Search the Euro-IX ASN Database

Enter an ASN, IXP or organisation name:

Query

25192

Note: The ASN information contained within this database is a combination of both affiliated and non-affiliated IXP content. While the affiliated IXP content is highly accurate, the non-affiliated IXP content is updated on a best effort basis and is nonetheless considered to be quite accurate.

Your search returned 4 results

Company	AS number	IXP	IPv6	Last updated
CZ.NIC z.s.p.o.	25192	VIX		Feb 27, 2014
CZ.NIC z.s.p.o.	25192	NIX.CZ		Feb 27, 2014
CZ.NIC z.s.p.o.	25192	JPNAP		Jul 05, 2012
CZ.NIC z.s.p.o.	25192	DE-CIX Frankfurt		Feb 27, 2014



Euro-IX Tools – IXP service matrix

<u>IXP</u>	<u>Location</u>	<u>Asn</u>	<u>Rs Asn</u>	<u># Of Customers</u>	<u># I Pv6 Ready</u>	<u>% I Pv6 Ready</u>	<u># Of Sites</u>	<u>Last Month Traffic (Gb/S)</u>
<u>ZIXP Traffic</u>	Lusaka	37221	N/A	0	0	0	1	0
<u>WAIX Traffic</u>	Perth		N/A	0	0	0		0
<u>VSIX Traffic</u>	Padova	2593	N/A	16	0	0.0	1	1
<u>VIX Traffic</u>	Vienna	1120	1121	121	90	74.4	2	168
<u>VIC-IX Traffic</u>	Melbourne		N/A	0	0	0		0
<u>UAE-IX Traffic</u>	Dubai		N/A	23	12	52.2		0
<u>UA-IX Traffic</u>	Kiev	15645	N/A	102	20	19.6	3	279
<u>TunIXP Traffic</u>	Tunis	37551	N/A	5	3	60.0	3	0
Total								

Euro-IX

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