



Berlin Commercial Internet Exchange

BCIX Update
RIPE 58
7th May 2009, Amsterdam
Thorleif Wiik

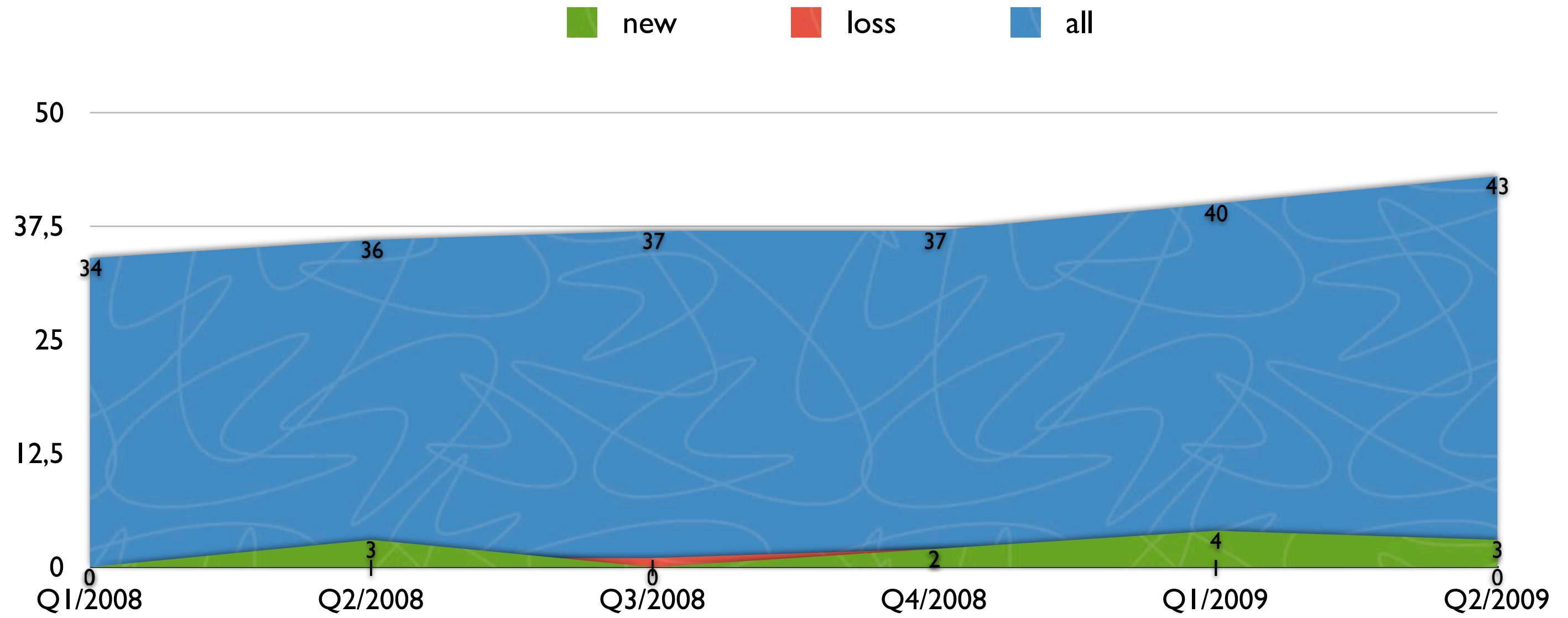
Intro

- BCIX e.V. founded as association in 2002
- BCIX e.V. runs Berlin Internet Exchange
- 3 Switch Locations in Berlin
- 100Mbit/s, 1Gbit/s, 10Gbit/s Peering Ports
- 3Gbit/s Traffic
- EURO-IX member
- Executive Board:
 - Peter Lampe - Chairman
 - Thorleif Wiik
 - Steffen David
 - Helga Krüger
 - Cordula Fiedler

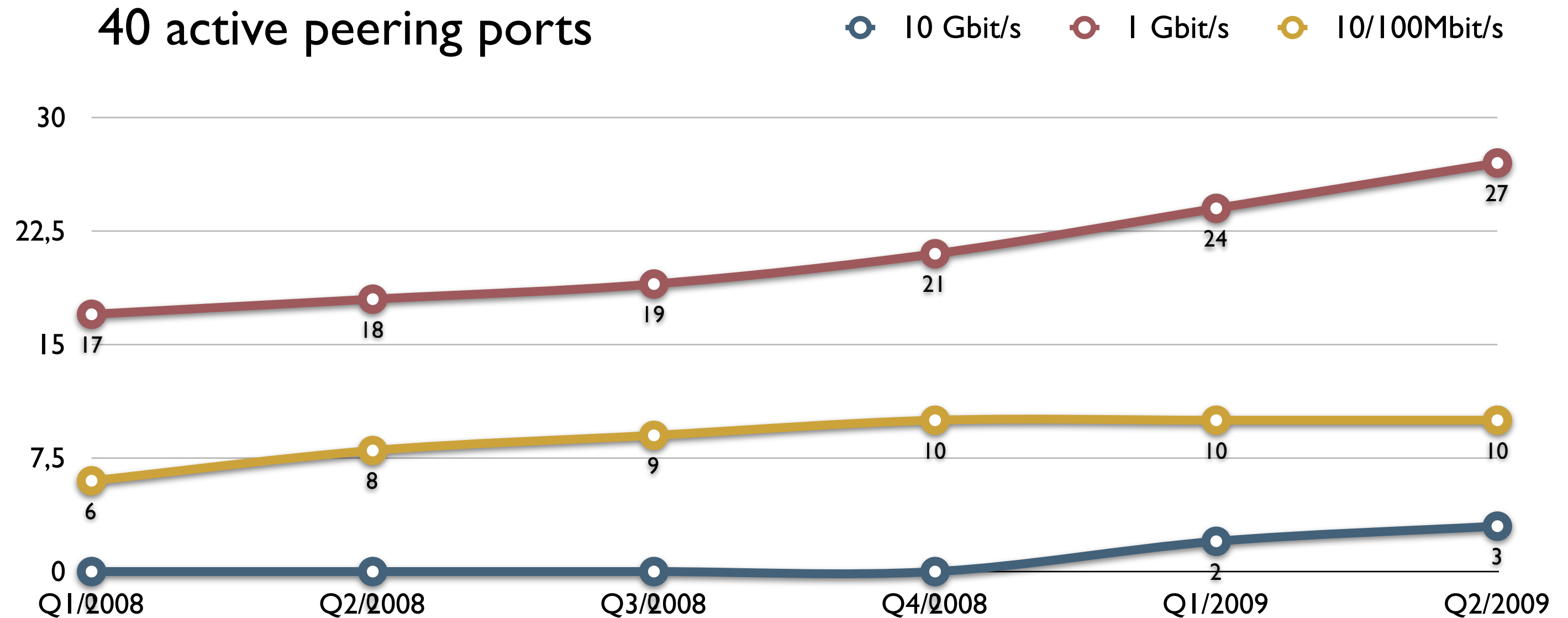
43 Members and Peers



Members and Peers



Peering Ports



without Interconnect / Serverports

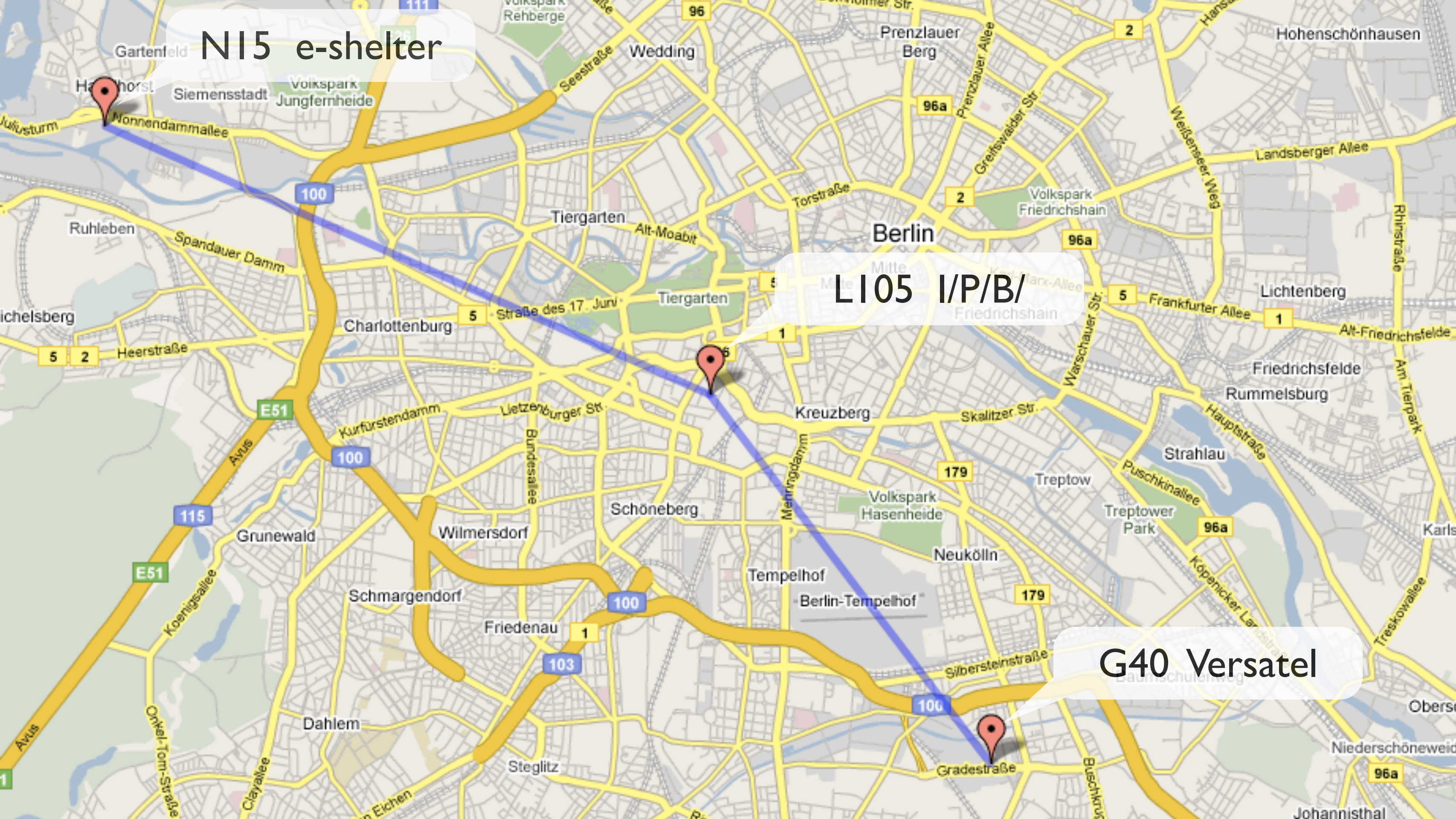
BCIX Details

- Three locations in Berlin:
 - G40: Versatel Colocation
 - LI05: I/P/B/ Carrier-Colo
 - NI5: e-shelter Data Center (Newly built, 18.000sqm space, high power)
- Switches
 - G40: Foundry BigIron 8000 Switch
 - NI5: Foundry BigIron 4000 Switch
 - LI05: Foundry BigIron RX-8 Switch + Foundry BigIron 8000 Switch
- Darkfibre between locations
- OpenBGPD / OpenBSD Route Server on two Sun X4200 Server

N15 e-shelter

LI05 I/P/B/

G40 Versatel



N15 e-shelter

DarkFibre

LI05 I/P/B/

DarkFibre

G40 Versatel



Route Server



OpenBSD 4.4 +
patches

ASN32 compatible

IPv4 + IPv6

Communities

Neighbor	AS	MsgRcvd	MsgSent	OutQ	Up/Down	State/PrfRcvd
n15-v4-herbst	43503	30716	65922	0	01w4d03h	1/10000
l105-v4-hansenet	13184	35452	66181	0	01w4d07h	41/10000
l105-v4-dh-2	12732	117571	255925	0	04w0d00h	0/10000
l105-v4-dh-1	12732	118554	259736	0	07:18:17	37/10000
g40-v4-ediscom	12693	164721	609201	0	01w0d14h	14/10000
l105-v4-mpex	35833	155603	558394	0	04w0d00h	3/10000
l105-v4-noris	12337	154221	565984	0	04w0d00h	1/10000
l105-v4-netzhaus	24993	180782	616180	0	6d16h38m	1/10000
l105-v4-cablesurf	35244	351877	527229	0	04w0d00h	9/10000
l105-v4-http	12574	175200	592724	0	04w0d00h	1/10000
g40-v4-kde	31334	160900	560760	0	04w0d00h	35/10000
g40-v4-denic	31529	124614	435885	0	04w0d00h	1/10000
l105-v4-pixelpark	33811	197105	688417	0	04w0d00h	3/10000
l105-v4-retn	9002	726733	202415	0	04w0d00h	6089/10000
l105-v4-dns-net	15366	240833	710860	0	04w0d00h	11/10000
n15-v6-unbelievable	48173	198728	198799	0	04w0d00h	0/1000
n15-v4-unbelievable	48173	215260	709240	0	04w0d00h	3/10000
n15-v4-Internet4You	29014	214594	731834	0	1d20h07m	7/10000
l105-v6-e4a	34695	232537	203582	0	03w4d23h	0/1000
l105-v4-ipb	20647	162041	586478	0	03w6d06h	10/10000
l105-v4-in-berlin-2	29670	436839	959624	0	2d00h24m	9/10000
l105-v4-in-berlin-1	29670	437721	951633	0	2d00h16m	9/10000
l105-v4-e4a	34695	209720	668553	0	03w5d08h	9/10000
g40-v4-phade	35053	149950	556346	0	04w0d00h	5/10000
g40-v4-strato	6724	324687	832065	0	04w0d00h	33/10000



We look for

more peers



We look for

CDN / Content
providers

BCIX Port Fees

	Setup	monthly 1st Port	monthly add. Ports
100 Mbit/s	400 Euro	100 Euro	50 Euro
1 Gbit/s	1000 Euro	300 Euro	200 Euro
10Gbit/s SR	2000 Euro	1200 Euro	800 Euro
10Gbit/s LR	3000 Euro	1200 Euro	800 Euro
10Gbit/s ER	4000 Euro	1200 Euro	800 Euro

+ 600 Euro yearly association membership fee

Thank you

Any Questions ?

Contact me:

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Blog: <http://www.wiik.de> and <http://twitter.com/wiik>