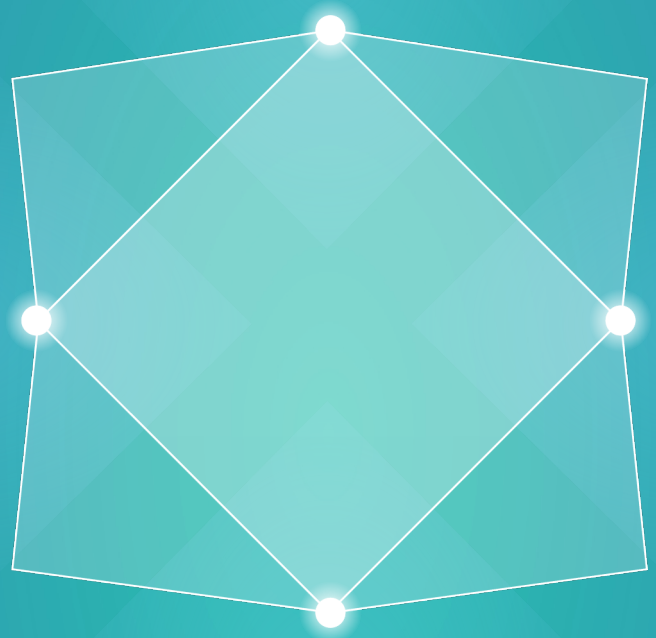
LINX Manchester
10 Years in 10 Minutes

No! Come back! Please don't leave!



Tom Hill
Vice/Acting Chair of the LINX Manchester Steering Committee

Thursday, 26th of May 2022
LINX116

Ten Years of Keeping Traffic ~~Parochial~~ Local

1. Some Steering Committee Updates
2. Gratuitous Nostalgia
3. The Future
4. Questions?

The Steering Committee

We really don’t have any authority here.

The Steering Committee

- Formed to help guide LINX on their first ‘extra-London’ endeavour
- Nine years of operation (to date)
  - I don’t know when the Chairs were ‘volunteered’, but apparently I am one
- Recent discussions on sunsetting the Committee lead to some conclusions:
  - That LINX still value the Committee’s broad, industry-centric local knowledge
  - We don’t know how the ‘Chairs’ came to be
    - Generally: we don’t have any written governance
  - We haven’t created any Camels
  - Jackie Weaver hasn’t yet been involved
  - “Chair of the LINX Manchester Steering Committee” sounds good to the local councils
  - Cacophonic evangelism for interconnection in Manchester is broadly a positive
- OK, informal review says that we are still useful; we should probably carry on?

Behold: The Steering Committee – version 2

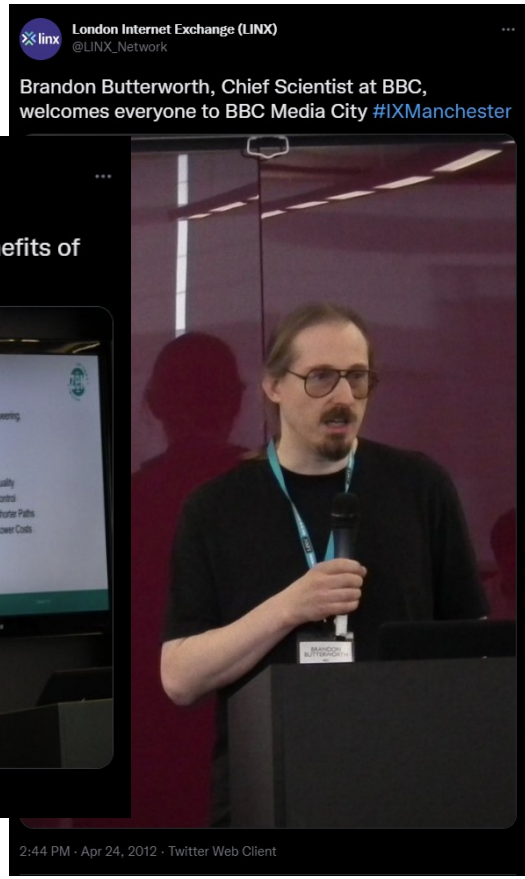
- Term limits enforced for the Chairs
  - Max. term 3yrs for Chair/Vice-Chair, and no re-standing for 4yrs
  - Which means both Mat & I are out by rotation, Real Soon Now.
- Meeting schedule reduced
  - We were vaguely adhering to ‘every odd-numbered month’
  - New requirement is min. two meetings per year, with more if needed
- Conflicts of Interest are to be registered properly, against a list of SC members
- We’ve defined what we consider to be a quorum
  - 5 members, including at least one of the Chairs
- The Steering Committee has a limit of 20 members (including Chairs)
  - We will continue to expunge non-participating [small-m] members

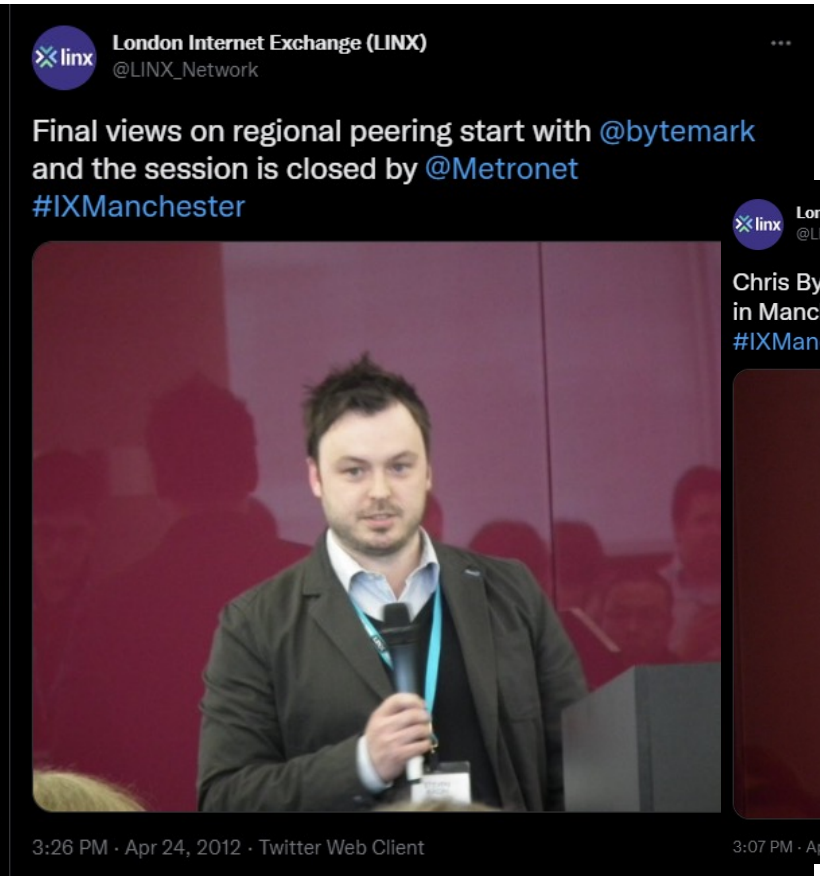
Gratuitous Nostalgia

You'll never believe what I found lying around on twitter

#PRTGenY

In 2012, we had a ‘launch’ for IX Manchester… (in Salford)





Somehow, Dave Freedman, Peter Taphouse, and all of the LINX staff avoided having photos of them tweeted. Somehow.

… and no-one liked the name

#AllTheGoodIXPNamesAreTaken

#KeepTrafficParochial

#Melbourne4everIDST 😭

The first member peering session(s)

RE: [#URH-729399]: Peering with AS39451

AD

Alan Dunn
To peering@melbourne.co.uk; peering@as25178.net

Reply | Reply All | Forward | ...

Wed 20/06/2012 16:00

Hi Tom,

I can confirm I can see the 2 ipv4 sessions up and working on our side.

```
#sh ip bgp sum | i 39451
195.66.244.2    4     39451     70     521 176751016    0    0 01:02:59      14
212.121.34.74   4     39451    156     619 176751016    0    0 00:24:59      14
```

That makes you our first peer on IXM after the route collector!

I can confirm we also have a higher local-pref set on IXM.

Thanks for peering.

Regards,
Al

39451 (Melbourne) and 25178 (Keycom) had the first two member ports up, so by that metric we were quite certain to be the first 'peering members' on LINX Manchester.

N.B. we all still happily peered on Edge-IX at the time, because what if this 'IX Manchester' thing fails eh? 👀

The first member peering session(s)

[#URH-729399]: Peering with AS39451

Reply | Reply All | Forward | ...

Thu 28/06/2012 12:13

MP

Melbourne Peering <peering@melbourne.co.uk>
To peering@as25178.net
Cc Alan Dunn; peering@as25178.net

Hi Alan,

We're now ready for IPv6 peering. The session to you is configured on our side already.

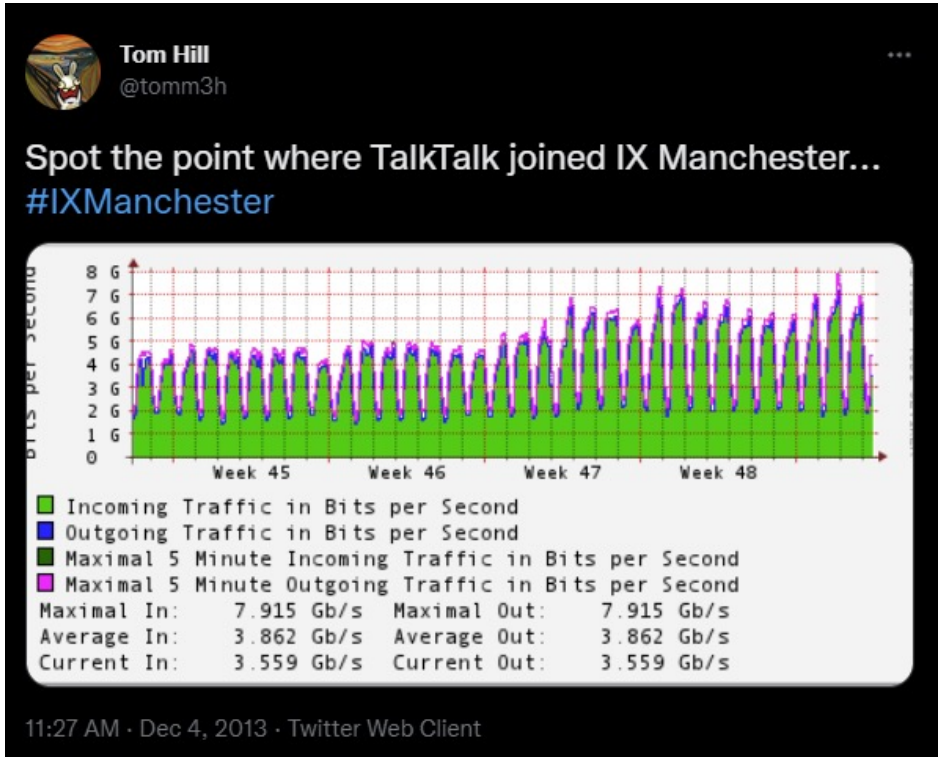
--
Kind Regards,
Tom Hill

Ticket Details
Ticket ID: URH-729399
Department: Peering
Priority: Low
Status: Open

Yes.... IPv6, too. Oops.

Many thanks to Alan for hoarding his old emails; digging this out could have taken PRT-grade archaeology, particularly given the number of acquisitions in the last 10 years.

Another meeting, some milestones

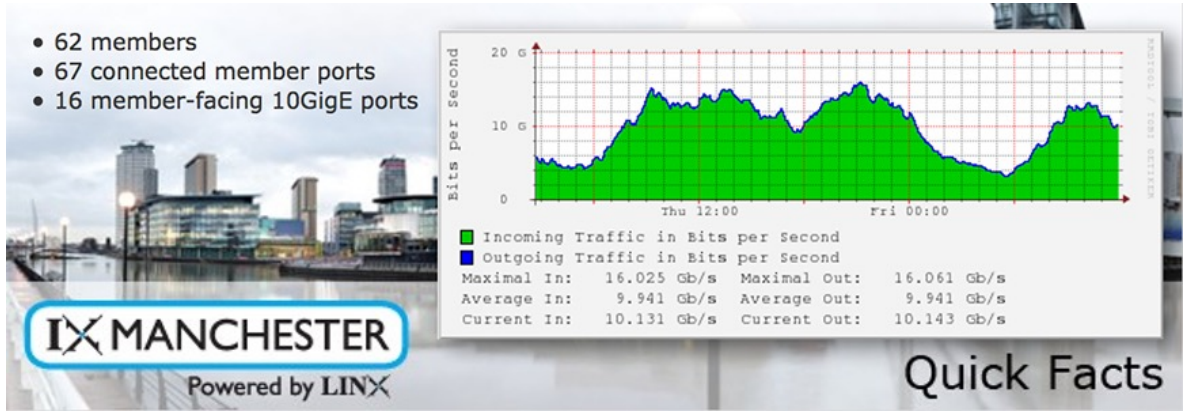


If memory serves, this meeting was held at the MDDA (or next door?)

#TENGIG

Wait, hold-up… Me?

Bit of growth, and we got some Bi-Di!



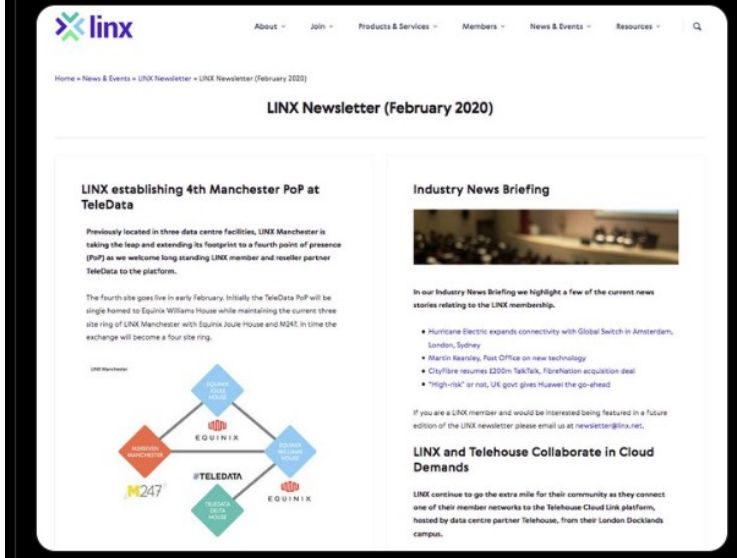
Five years old…

CHEQUE SHIRT ALERT

Years 7, 8 and 9 – is this a mature IXP?

London Internet Exchange (LINX)
@LINX_Network

Flash back to February 2020, good times! We had just announced our new #LINXManchester data centre PoP at TeleData, we met with members and partners at #PTC20 and were preparing for what resulted in our only in person #LINX member event of the year 😔
linx.net/contact/linx-n...

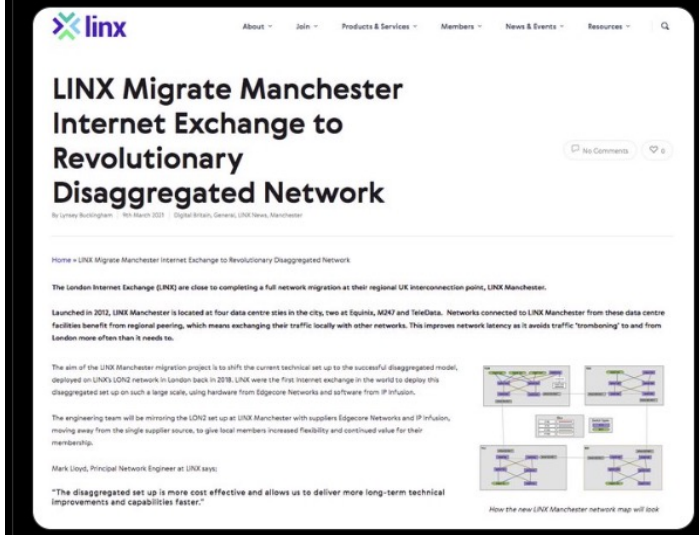


4:15 PM · Dec 23, 2020 · Hootsuite Inc.

Early 2020

London Internet Exchange (LINX)
@LINX_Network

We are close to completing a full network migration at our regional UK #interconnection point, #LINXManchester.
Read the latest news about why we took this decision and how it will benefit our members and partners there.
linx.net/contact/linx-n... #LINX #peering #IXP #networks



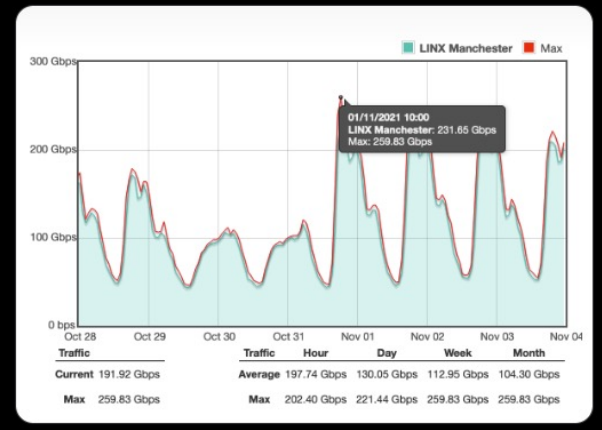
Teledata and 2 others

12:42 PM · Mar 9, 2021 · Twitter Web App

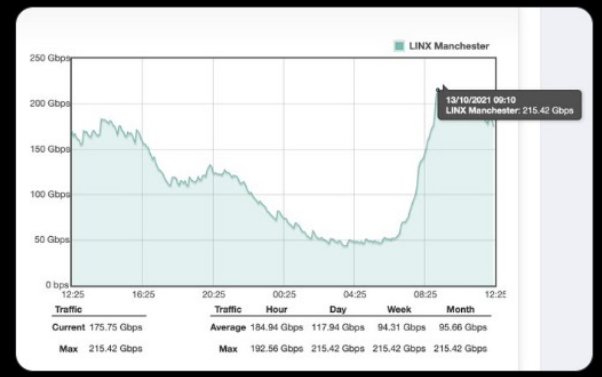
Early 2021

Late 2021

London Internet Exchange (LINX) @LINX_Network · Nov 4, 2021
We launched #LINXManchester back in 2012 and are pleased to announce that this week, traffic at our regional #interconnection point for the North has tipped over the 250Gbps mark!
okt.to/dvhY5q
@teledatauk @EquinixEMEA @WeAreM247 #200Gb #LINX #DigitalManchester



London Internet Exchange (LINX) @LINX_Network · Oct 13, 2021
We've peaked! Our regional interconnection facility in Manchester has topped the 200Gb mark with a new maximum traffic peak this morning of 215.42Gbps! okt.to/ThRCKY
#trafficstats #LINXManchester #Manchester #networks #networktraffic #stats



The Future

Why is this text bigger?

The Future

- More sites – Equinix MA5 build looking very likely (Richard mentioned this at 115)
- There are definitely *other plans* afoot – co-lo competition is vital
- 400G – LINX tell us yes, so go and ask now if you need that in Manchester
- The Steering Committee needs a few more good souls
  - Ideally more of those that live nearby, or have substantial knowledge of the local industries
- 100Gbit of peering in Manchester is ~35% of the cost on LON1, ~66% of LON2.
  - This is exceptional value, and long may it continue
- Beer-bomb time: do we still need LON2?

linx

Thank you!
Questions?

No, we won't rename the exchange to UnitedIX or CityIX

Just FYI, you're holding-up the social

No chuntering from a sedentary position, please

linx

OK, thanks for real!
I'll see you all again
in another 5 years.