

HEPiX IPv6 Working Group - in person at CERN - dates now confirmed

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome, agenda, note taker(s)

Wednesday 21 May 2025 14:00 (5 minutes)

Session Classification: Session 1

Contribution ID: 3

Type: **not specified**

Status of the CPU services ticket campaign

Wednesday 21 May 2025 14:15 (25 minutes)

Presenter: Dr SCIABÀ, Andrea (CERN)

Session Classification: Session 1

Contribution ID: 21

Type: **not specified**

Update from USA/ESnet

Wednesday 21 May 2025 16:30 (1 hour)

Could include news from US-ATLAS & BNL
and US-CMS & FNAL

There is a proposal from ESnet (from recent meeting with US-ATLAS & US-CMS) to turn off IPv4 on LHCOPN between CERN and USA.

Start with this proposal (Shawn McKee? and/or Dale Carder?)

Not just data transfer traffic between CERN (Tier0) and the two Tier1s... But also traffic between US Tier1s and other Tier1 around the globe. Can we determine how the current IPv4 traffic splits between CERN traffic and other Tier1s?

What is the process for “approval” and defining timetables?

Stake holders: ESnet, experiments, Tier0 CERN and all Tier1s,...

WLCG Management Board should be involved

Session Classification: Session 1

Contribution ID: 24

Type: **not specified**

General news

Wednesday 21 May 2025 14:05 (10 minutes)

Anything to be shared or discussed?

News from Manchester LHCOPN/LHCONE meeting (March 2025) relating to IPv6

Presenters: KELSEY, David (Science and Technology Facilities Council STFC (GB)); MARTELLI, Edoardo (CERN)

Session Classification: Session 1

Contribution ID: 26

Type: **not specified**

Plans and timetable for IPv6-only

Wednesday 21 May 2025 16:00 (30 minutes)

Discussion by all. DaveK may not be available and/or not prepared!

Discuss timetable for removal of IPv4 on data transfers.
Well before start of LH-LHC Run4

What about moving to IPv6-only Workernodes and WLCG clients?

When can we remove IPv4 from WLCG storage services? We often said that this would be the last to go.

Presenter: KELSEY, David (Science and Technology Facilities Council STFC (GB))

Session Classification: Session 1

Contribution ID: **31**

Type: **not specified**

Roundtable news/updates from Sites - or delay to next day?

Wednesday 21 May 2025 17:30 (30 minutes)

Session Classification: Session 1

Contribution ID: **32**

Type: **not specified**

Other issues to discuss?

Thursday 22 May 2025 11:30 (30 minutes)

All discuss

Session Classification: Session 2

Contribution ID: **34**

Type: **not specified**

Roundtable news/updates from Experiments

Thursday 22 May 2025 09:30 (30 minutes)

And also sites if not covered yesterday

Session Classification: Session 2

Contribution ID: 35

Type: **not specified**

Upcoming conferences and other presentations - so could continue discussion of timetable for IPv6-only deployment

Thursday 22 May 2025 10:30 (30 minutes)

Not aware of anything close - conferences - but is there?

Discuss timetable for removal of IPv4 on data transfers.

What about moving to IPv6-only Workernodes and WLCG clients?

When can we remove IPv4 from WLCG storage services? We often said that this would be the last to go.

Session Classification: Session 2

Contribution ID: 36

Type: **not specified**

AOB, Dates of next meetings

Thursday 22 May 2025 12:00 (30 minutes)

Next in person meeting. Would be useful to meet again before the LHCOPN/LHCONE meeting in Karlsruhe (October).

So perhaps we can meet at CERN in September 2025? Or would a meeting same week as LHCOPN meeting in Karlsruhe work?

Next meeting after that for a meeting away from CERN - if we do not decide to meet in KIT in October.

One date that would work for DaveK - at CERN - Wed/Thursday 17 and 18 September 2025 - any good?

Session Classification: Session 2

Contribution ID: 37

Type: **not specified**

Data transfers still using IPv4 and how to flip to IPv6

Wednesday 21 May 2025 14:50 (40 minutes)

Discussion

Is monitoring of V4 versus V6 now complete and reliable?

What is recent IPv6 percentage on LHCOPN?

And same on LHCONE?

Perhaps look now at Top IPv4-talkers on LHCOPN?

particularly interested in USA/Canada LHCOPN links (BNL, FNAL, TRIUMF) for agenda item later today

Presenters: HOEFT, Bruno Heinrich (KIT - Karlsruhe Institute of Technology (DE)); KELSEY, David (Science and Technology Facilities Council STFC (GB)); MARTELLI, Edoardo (CERN)

Session Classification: Session 1

Contribution ID: 38

Type: **not specified**

Updates from perfSONAR, RNTWG/SciTags etc - Replace by paper for Oct 2025 LHCOPN meeting?

Thursday 22 May 2025 10:00 (30 minutes)

No talk confirmed - usual speakers not registered

LHCOPN meeting in Karlsruhe - Oct 2025.

We need to draft a paper proposing removal of IPv4 peering on LHCOPN.

And what about on LHCONE as well?

A good time to discuss/agree what needs to be in the paper - agree sections and table of contents now?

Session Classification: Session 2