



Contribution ID: 19

Type: **not specified**

Getting closer to an IPv6-only WLCG –update from the HEPiX IPv6 Working Group

Thursday 7 November 2024 16:00 (30 minutes)

The HEPiX IPv6 Working Group has been encouraging the deployment of IPv6 in WLCG for many years. At the last HEPiX meeting in Paris we reported that the LHC experiment Tier-2 storage services are now close to 100% IPv6-capable. We had turned our attention to WLCG compute and launched a GGUS ticket campaign for WLCG sites to deploy dual-stack computing elements and worker nodes. At that time 44% of the sites had completed their deployment of dual-stack CPU. The working group has also continued to monitor the use of IPv4 and IPv6 on the LHCOPN. As before we continue to identify uses of legacy IPv4 data transfers and strive to move these to IPv6. A dual-stack network is not a desirable end-point for all this work; we continue to plan the move from dual-stack to IPv6-only.

This talk will present the activities of the working group since April 2024 and our future plans.

Desired slot length

20 minutes

Speaker release

Yes

Author: BLY, Martin (STFC-RAL)

Co-author: KELSEY, David (Science and Technology Facilities Council STFC (GB))

Presenter: BLY, Martin (STFC-RAL)

Session Classification: Networking & Security

Track Classification: Networking & Security