

IPv6 & WLCG - an update from the HEPiX IPv6 Working Group

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The transition of WLCG storage services to dual-stack IPv4/IPv6 is progressing well, aimed at enabling the use of IPv6-only CPU resources as agreed by the WLCG Management Board and presented by us at previous HEPiX meetings.

The working group, driven by the requirements of the LHC VOs to be able to use IPv6-only opportunistic resources, continues to encourage wider deployment of dual-stack services and has been monitoring the transition. During recent months we have also started to investigate in more detail the reasons for various edge cases where the fraction of data transferred over IPv6 is lower than expected.

This talk will present the current status of the transition to IPv6 together with some of the common reasons for sites that have not yet been able to move to dual-stack operations. Some issues related to unexpected monitoring results for IPv6 versus IPv4 will also be discussed.

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