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CERN Computer Center Network evolution

Wednesday 16 October 2019 14:50 (25 minutes)

Due to the amount of data expected from the experiments during RUN3, the CERN Computer Center network has to be upgraded. This presentation will explain all the ongoing works around the Computer Center network: change of router models to provide higher 100G ports density, links upgrade between the experiments and the Computer Center (CDR links), expected closure of Wigner Computer Center and move of the CPU servers to dedicated containers, creation of a WDM (up to 1Tbps) connection between ALICE containers and main Computer Center, introduction of router redundancy and Layer2 flexibility with VxLAN, etc···

Speaker release

Yes

Desired slot length

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