

Is there a need for a LHCOPN Acceptable Use Policy?

LHCOPN virtual meeting
13th of May 2020

Need for a LHCOPN AUP

At the last LHCOPN meeting it was mentioned that it is necessary to have a LHCOPN AUP

Actually there is one, although very simple

Existing LHCOPN AUP

Preamble

LHCOPN is the private network that connect the LHC Tier0 to all the LHC Tier1s and Tier1s to Tier1s.

LHCOPN primary mission

- Only LHC Tier0 and Tier1s can connect to LHCOPN
- LHCOPN is intended to distribute LHC Experiments' data from the Tier0 to the Tier1s

Accepted use cases

- LHC data transfers between LHC Tier1s are welcome
- Non LHC data transfers are allowed between LHC Tier0/1 that are also members of other collaborations, as long as they don't jeopardize the LHCOPN primary mission. Currently, these collaborations have been explicitly approved:
 - Belle-II (December 2017)
 - protoDUNE (October 2018)

<https://twiki.cern.ch/twiki/bin/view/LHCOPN/LHCopnAUP>

Open questions

The **LHCONE AUP** is more articulated and detailed, because of the larger user base and the looser relationship among participants. **Should the LHCOPN AUP be similarly detailed?**

Should additional external resources be mentioned? e.g. Commercial clouds or HPC centres that would get connected to a Tier0/1?

Should it be opened to the larger Tier2s, if they need it? Keeping the same star topology, or allowing transit via a Tier1?

How LHCOPN (and LHCONE) should evolve, in light of the Data Lake model: Multiple stars? Multiple rings? ...

Questions or comments?

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