Belle II

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Belle II Data Challenge 2024

What should be exercised during DC24:

Technology that can be stressed: DDM, FTS, Storages, Network, Monitoring System, Protocols, IAM

Main goal: Emulate data transfer conditions in a Belle II high-lumi scenario

Our current estimation for such scenario is 40 TB per day.

Transfers from KEK to raw data centers according to our distribution schema (30%BNL, 20%CNAF, 15% IN2P3CC, 15%UVic, 10%DESY, 10%KIT)

Possible dates: We can be ready for March 2024. Let's coordinate how much we want to overlap HL-LHC test with Belle II.

Belle II ramp-up and constraint

Timeline for ramp-up challenges during 2023:

September/October - Early Tests

To Do: Prepare data set, setup DDM, Prepare Monitoring Tools

Connections and/or dependencies to other activities or developments

Concern: the data challenge likely overlaps with Belle II data taking. However we plan to follow the WLCG Timeline for DC