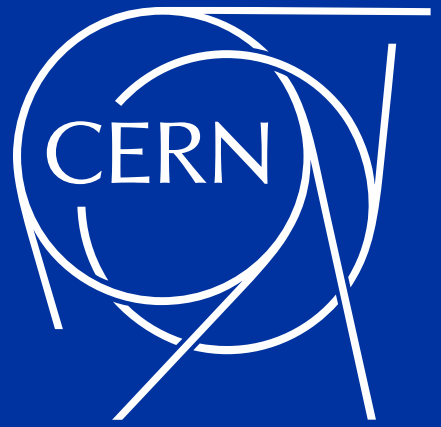


MPS checklist for 2022 re-commissioning

Cédric Hernalsteens for the MPP team

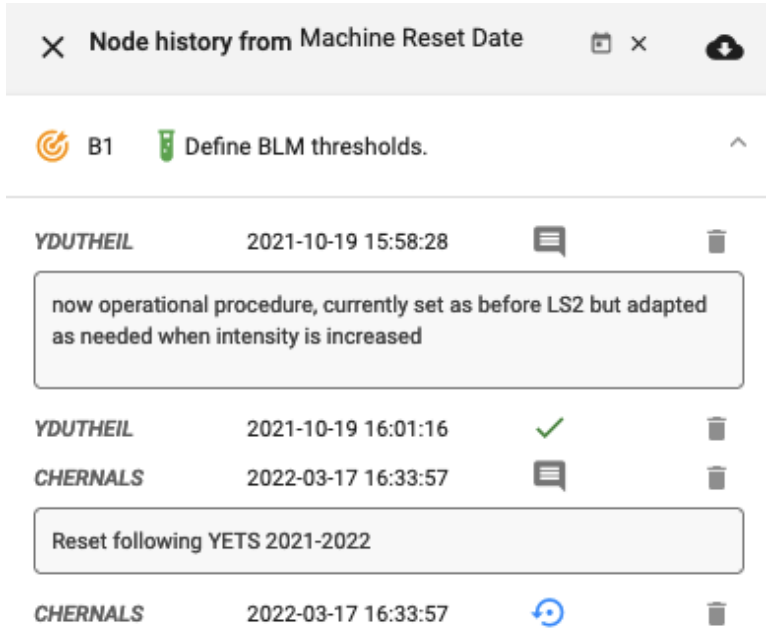
220th Machine Protection Panel

Status for 2022

- **MPS tree in the LHC machine checklist**

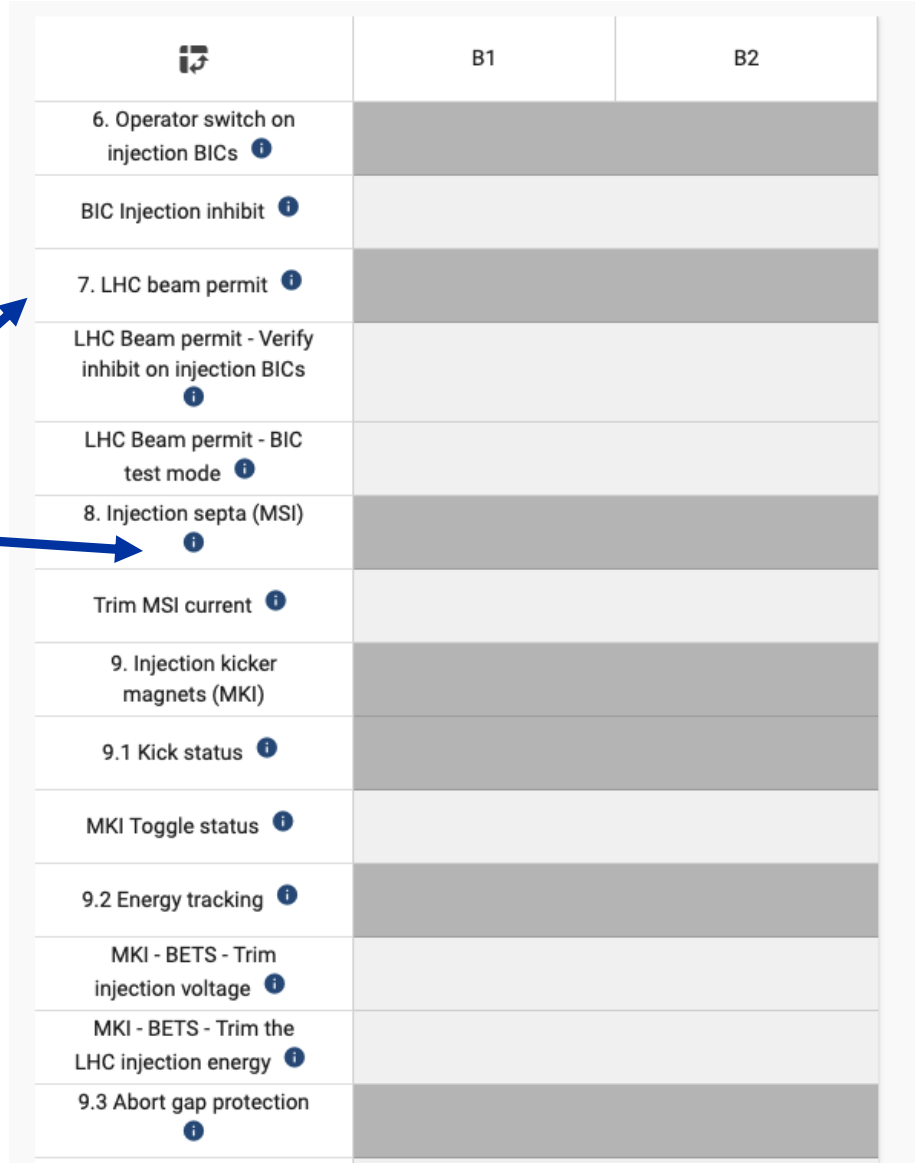
https://checklist.cern.ch

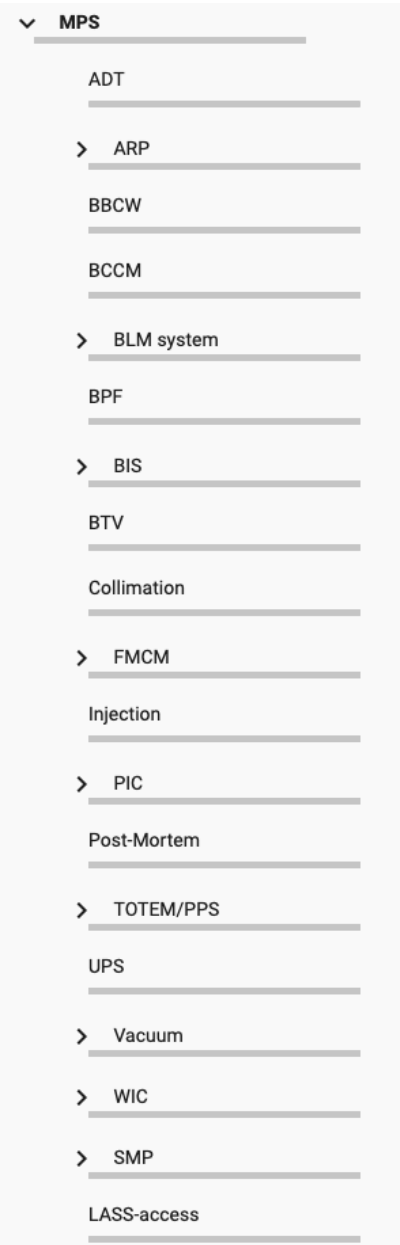
- **Status following beam tests in 2021**
  - Re-commissioning procedures for all MP systems present in the tool
  - Tests not required for the beam test were greyed out
- **Status for 2022 re-commissioning**
  - Checklist updated to the latest versions of the procedures
  - Full reset of the whole MPS tree (history of statuses and comments are preserved)
  - All tests are in “to-do” state
    - In case non-required tests are identified, they must be greyed out again with a justification

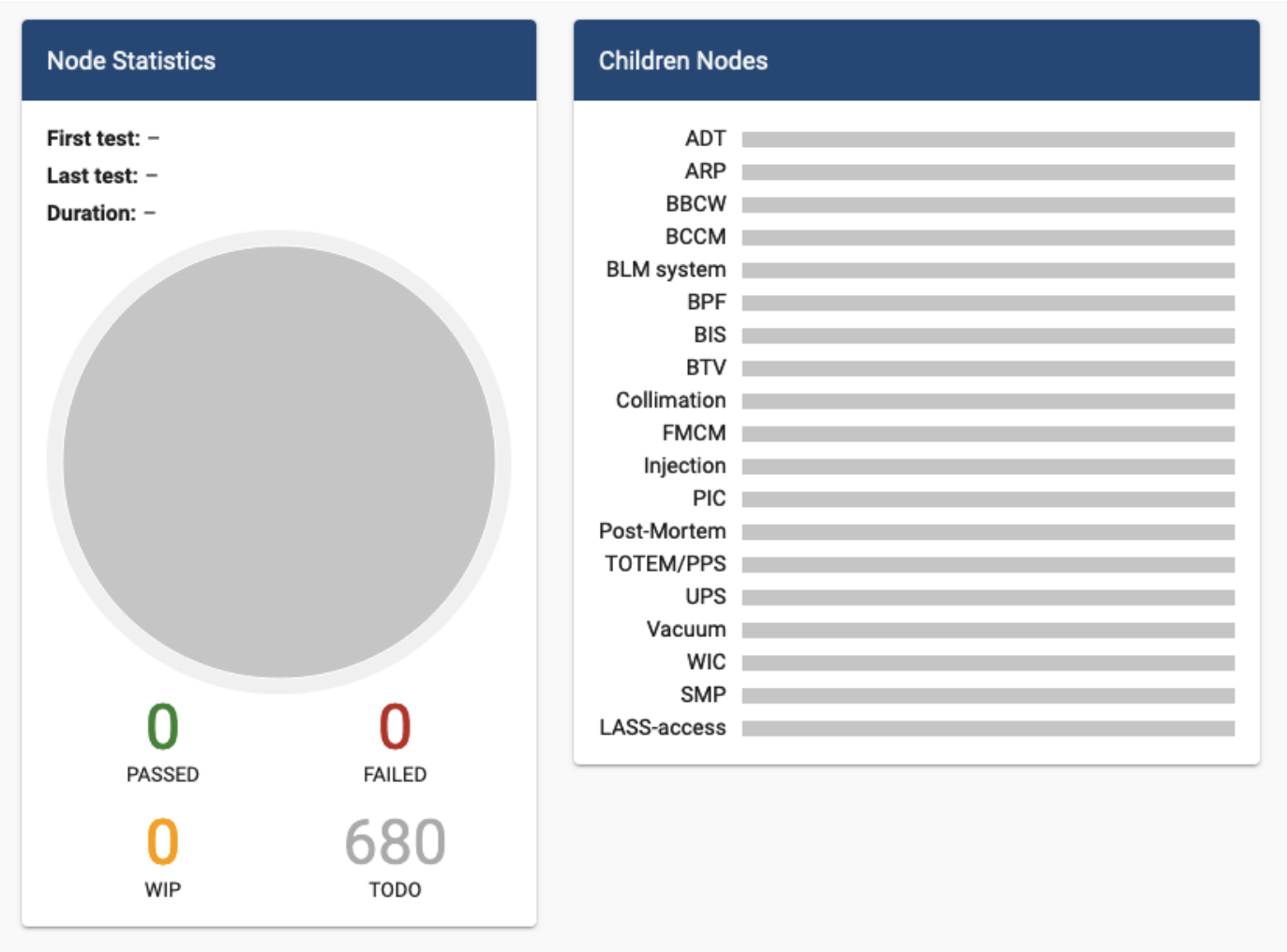


Status for 2022

- **Improvements for better readability**
  - Improvements for some systems to follow the procedure more closely
  - *Dummy tests (dark grey)* to structure the list
  - Details from the procedure are included

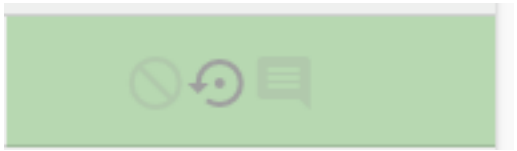


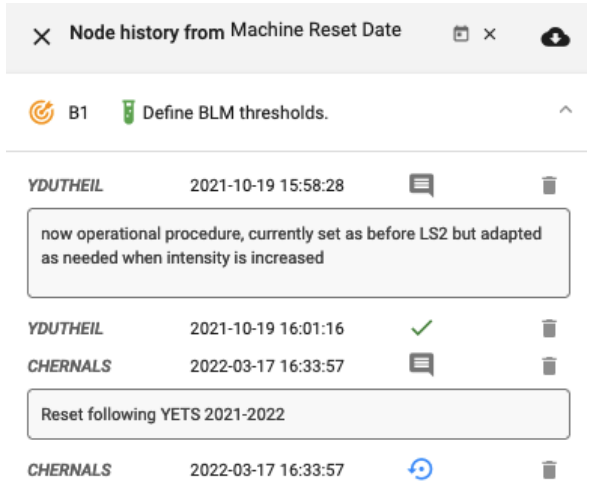


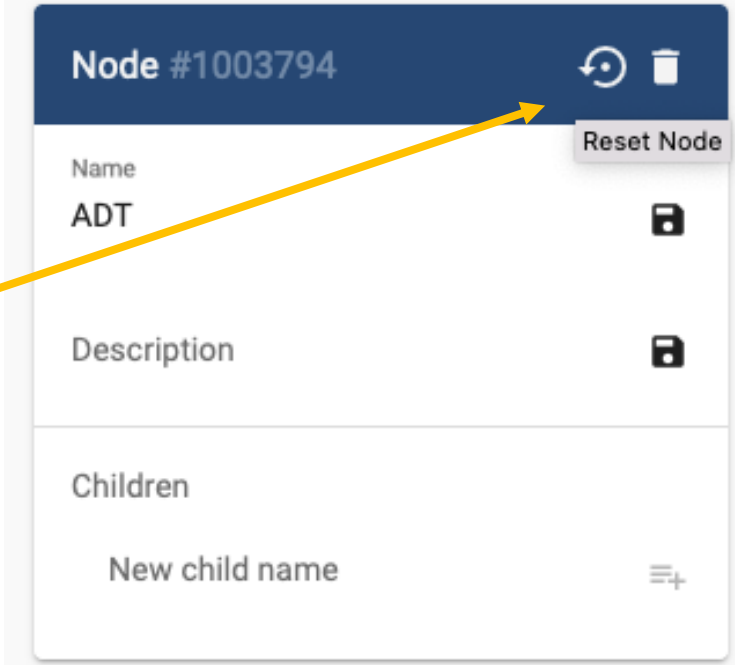

Node Statistics
First test: –
Last test: –
Duration: –
0
PASSED
0
FAILED
0
WIP
680
TODO
Children Nodes
ADT
ARP
BBCW
BCCM
BLM system
BPF
BIS
BTV
Collimation
FMCM
Injection
PIC
Post-Mortem
TOTEM/PPS
UPS
Vacuum
WIC
SMP
LASS-access

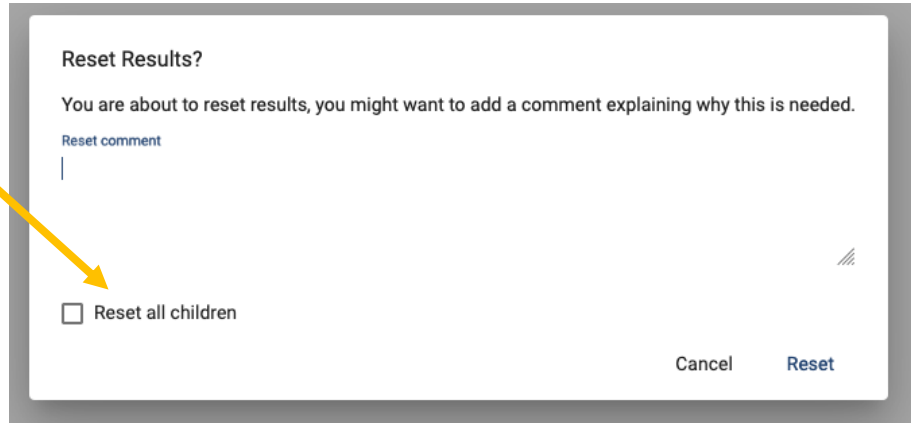
New reset functionality

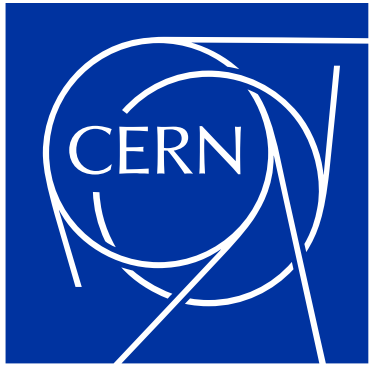
- **Partial reset (different from “whole tree reset date”) available in admin mode**
  - Reset a sub-tree (possibly including children) and add a comment
  - Reset a single test (with added comment)











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