

MW1 – FLP questions and ideas

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Milestone weeks

- Questions
- Ideas
- Example/proposal

Questions

1. Inventory and general description
 1. How many FLPs and EPNs ?
 2. How many CRUs, if any ?
 3. What processing, if any ?
2. Data source: what data ? MC ? purely random ? detector data ? recorded or live ? Which detector(s) ?
3. Control: ECS ? scripts ? Modus operandi ?
4. Monitoring ? what is needed ?
5. Success criteria of the test(s) ?
6. QC (if applicable) : which module(s) ? what source ? where ? mergers ?

Ideas

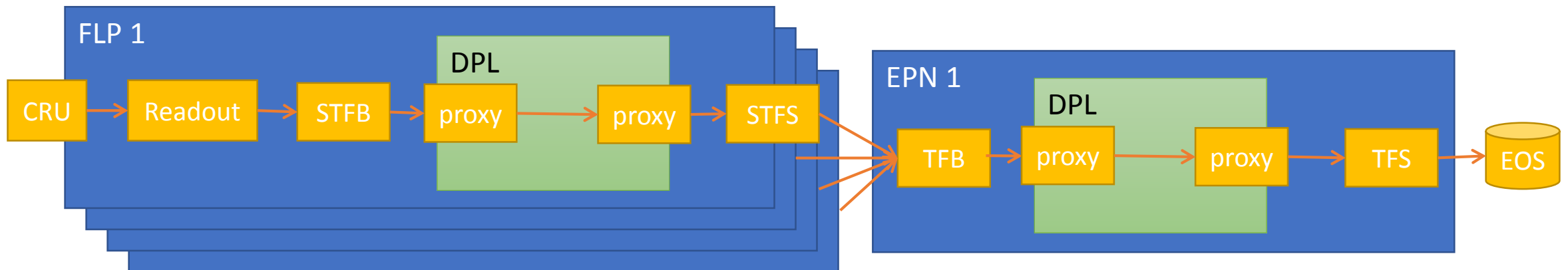
1. All key experts identified before and notified that they are oncall.
2. Circulate the goal(s) and the detailed description of the test(s) in advance, with numbers, success criteria, schemas, SW versions, etc.
3. If data is needed, e.g. MC, produce it asap and circulate it.
4. Prepare all config files in advance for all software and circulate them.
5. Collect all non blocking issues during the MW, dispatch the items after, follow up (JIRA, one to one dedicated meetings).
6. Setup indico category to easily find the next MW, group all links and info to each MW in separate events.

Ideas (cont.)

- Modus operandi
 - 1 person tries to run the test, sharing the screen.
 - When failure happens, identification of the faulty component and the person responsible to fix it. Assessment of severity.
 - Fixing it is the absolute top priority for this person.
 - Test is paused and people relieved until it is fixed.
 - If it is clear that it is impossible to fix it shortly, see if other tests can be carried out in a meaningful way. Probably difficult.

Example - proposal

- Test 1: No-processing, CRU emulator data, no detectors
 - Pre-requisite: config files, machines ready, ECS workflows
 - Goals:
 - Establish baseline
 - Check ability to transport, assemble and store data
 - Experts: to be determined
 - Inventory: 4 FLPs, 1? EPN, ? CRUs
 - Success criteria: All data is stored in EOS



Example – proposal (cont.)

- Test 2a: MC data (MCH), no-processing
- Test 2b: MC data (MCH), processing (QC or det specific)
- Test 3a: detector data (MCH), no processing
- Test 3b: detector data (MCH), processing
- Test 4: scaling up