



# SAM3 recomputation

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# Recomputation

- What to do
- How to do it
- How to visualize it
- Who will do it

# Motivation for recomputation

- Recalculate Avl/Rel to recover monitoring incidents
- Might increase Avl/Rel of sites
  - Increasing also unknown fraction

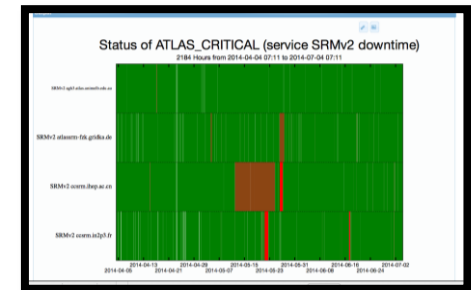
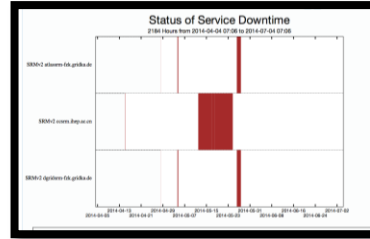
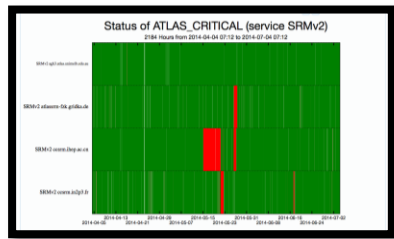


# Current schema

- Monthly reports sent at the beginning of the next month
- 10 days to request recomputations
  - Open snow tickets
    - Converted to internal jira ticket
- If approved, Monitoring ROTA marks time range for sites:
  - If site was green, stays green.
  - Otherwise, becomes unknown

# Recomputations in SAM3

- Combining two metrics:
  - Same procedure used for the Downtimes



- Advantages:
  - Simple
  - Record of before/after & recomputations
  - Standard way of combining metrics
  - Can be visualize at any moment in time

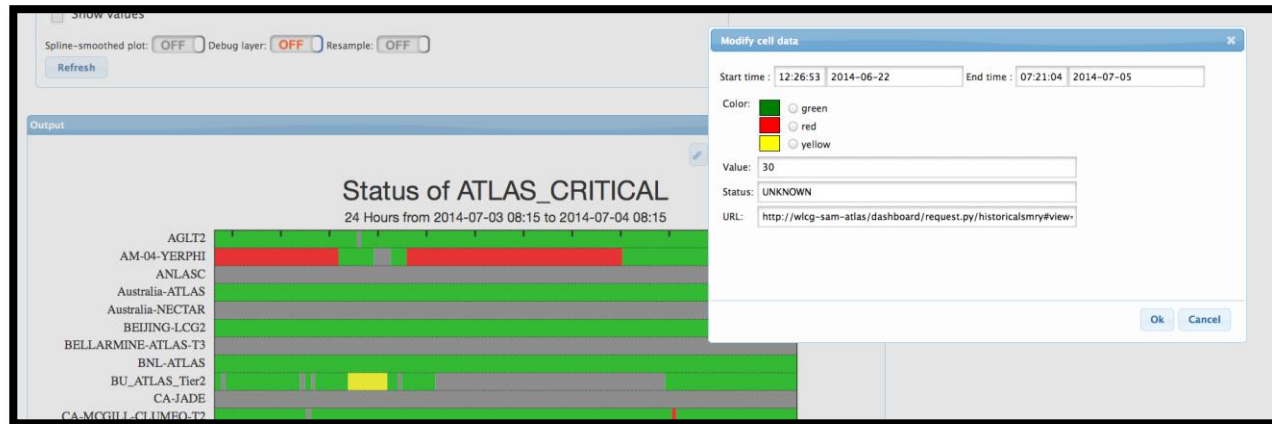
# How to visualize it

- Like any other SSB metric
  - See previous page
  - Already available
- If needed: incorporate in SAM3 UI
  - To be implemented...

The screenshot displays the SAM Visualization interface for ALICE. The interface is titled "SAM VISUALIZATION | ALICE" and features a "VO view" section with tabs for "Latest Results" and "Historical View". There are also "Feedback" and "Help" links. The main content area is organized into several sections: "View" (with a dropdown for "Site Availability"), "Time range" (with a dropdown for "Last 12 Hours"), "Site Groups" (with a dropdown for "Tier-0/1"), and "Profiles" (with a dropdown for "ALICE\_CRITICAL"). Below these are sections for "Granularity" (with a dropdown for "Default") and "Sites" (listing CCIN2P3, CERN, CNAF, FZK, KISTI\_GSDC, NIKHEF, and RAL). At the bottom, there is a checkbox labeled "Show values before recomputation" which is circled in orange, and a "Show Results" button.

# How to do it

- Need to feed the '<PROFILE correction>' metric
- Feeding it to SSB like any other metric
  - Url or MSG
- Or
  - Through the SSB web UI: repainting



# Who does it

- During 'Ops' times, clear responsibility of Monitoring group.
- Now, with experiment metrics
  - Shouldn't it be the experiments?



# Summary

- What to do
  - Recomputations
- How to do it
  - Combining metrics
  - Feeding correction metric (either URL, MSG or UI)
- How to visualize it
  - SSB interface
  - If needed: checkbox in SAM3
- Who will do it
  - Monitoring group or experiments?