



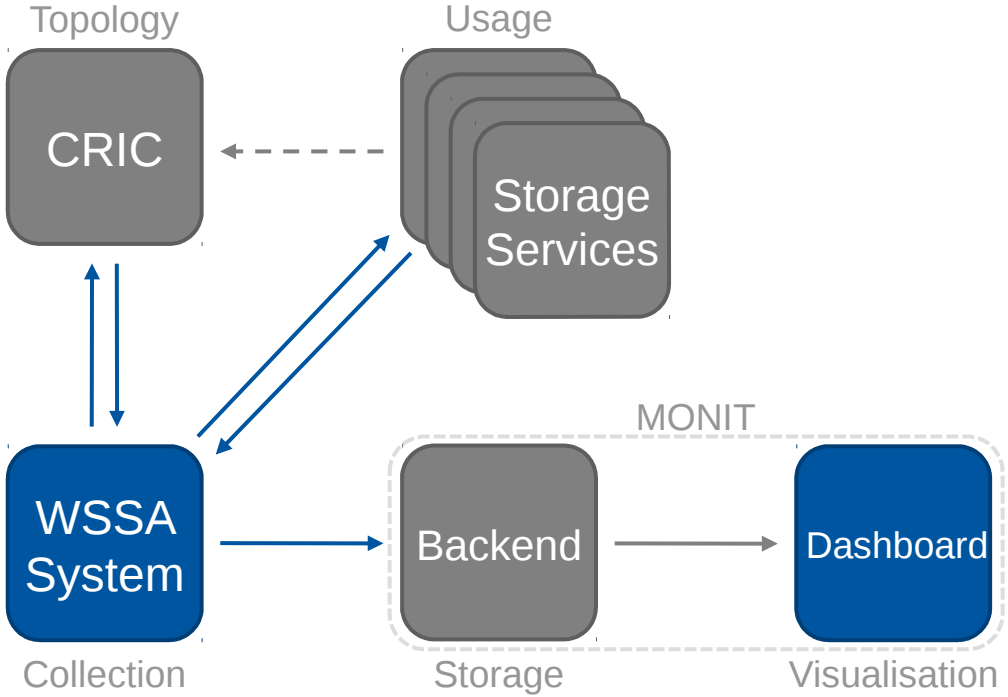
# WLCG Storage Space Accounting: Status Update

Dimitrios Christidis

# Requirements

- ❑ Applicable to entire WLCG
- ❑ Experiment-agnostic
- ❑ Not based on SRM

# Architecture



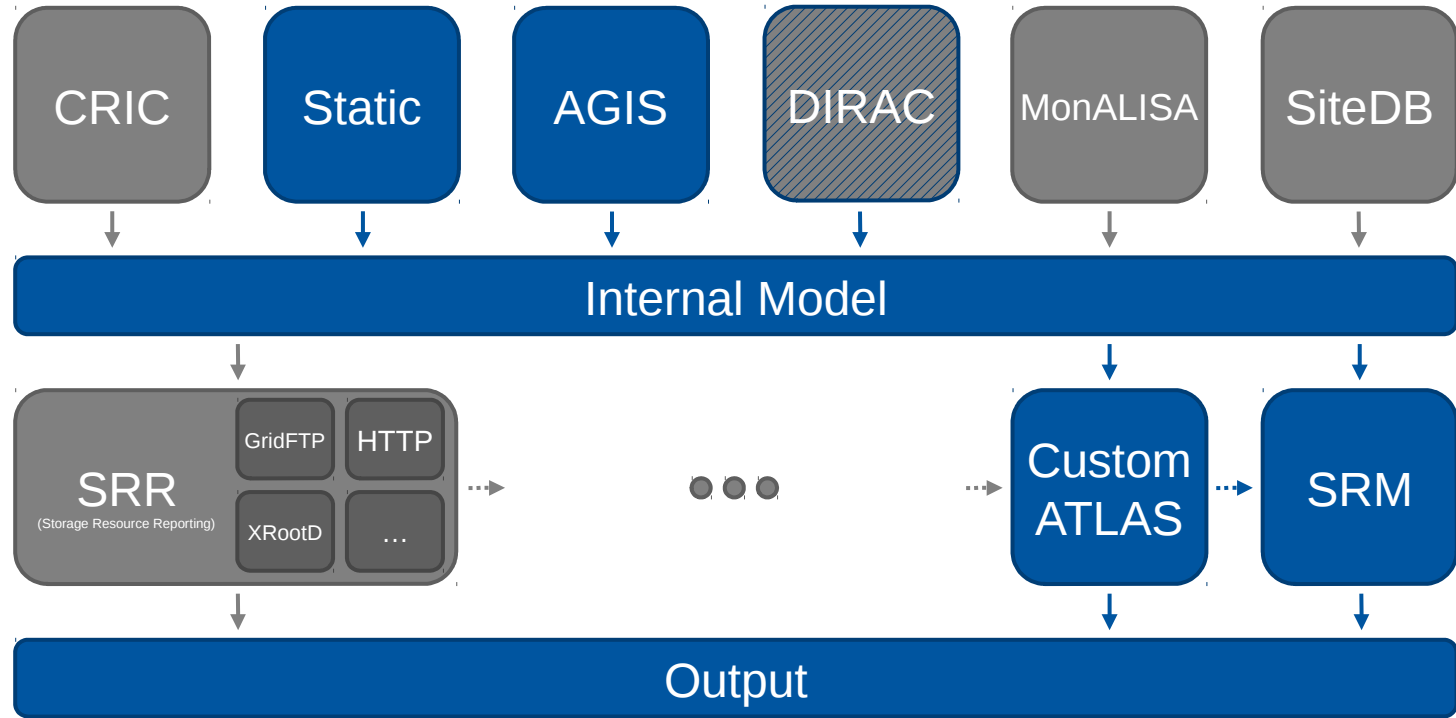
# Phase I

- ❑ Collector using topology from AGIS and data from Rucio
- ❑ Publisher to MONIT infrastructure
- ❑ Dashboard using Grafana

# Phase II

- ❑ Storage Resource Reporting Proposal
  - Relevant requirements have been approved
  - Prototype implementations provided by DPM and EOS
  - Deployment will commence in the following months
- ❑ Collector Replacement
  - Data acquisition directly from sites
  - Generic, experiment-agnostic, plugin-based architecture
  - Designed for gradual transition

# Collector Architecture



# Dashboard

<http://cern.ch/go/vS8r>





Log in

User

email or username

Password

password

Log in

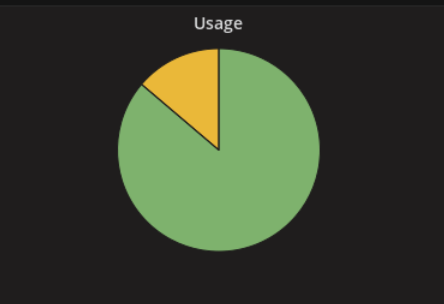
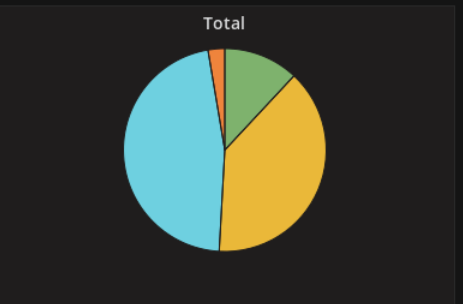
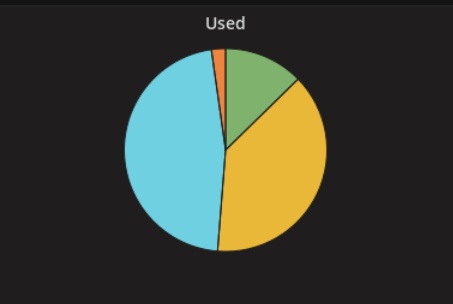
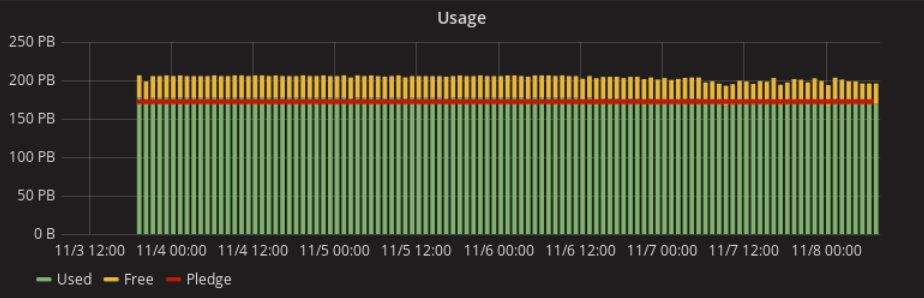
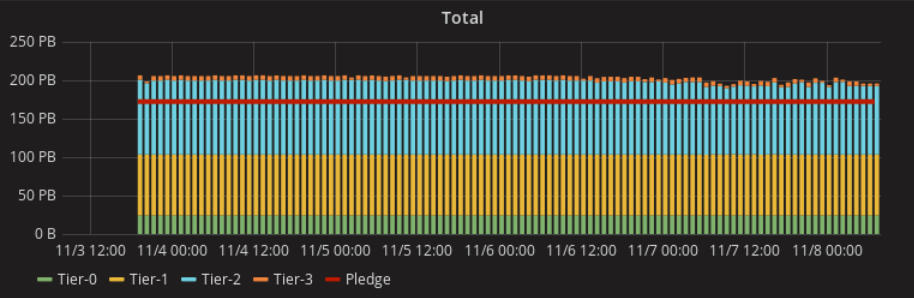
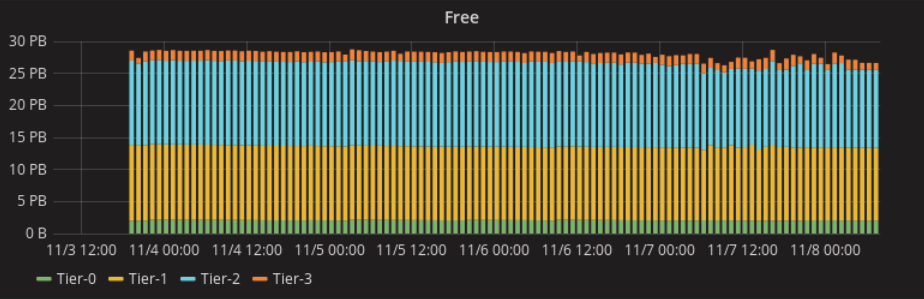
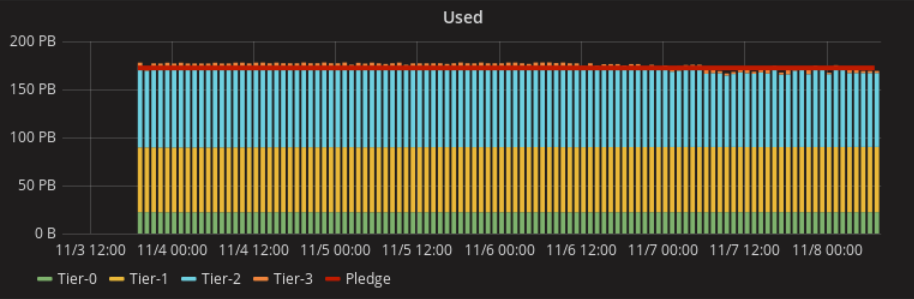
Or Login With

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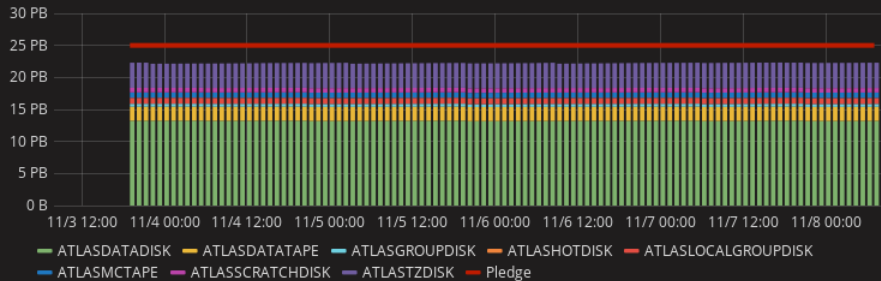
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Service All Area All



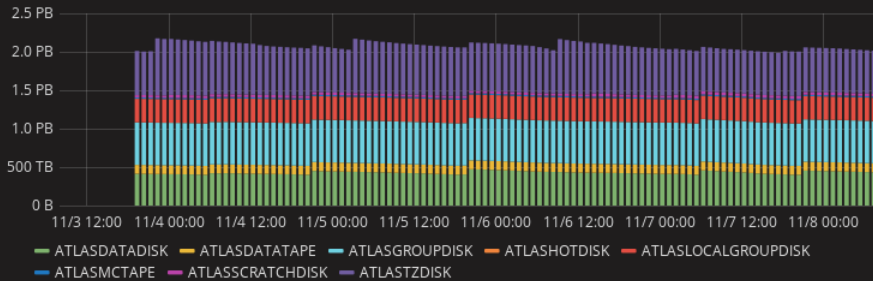


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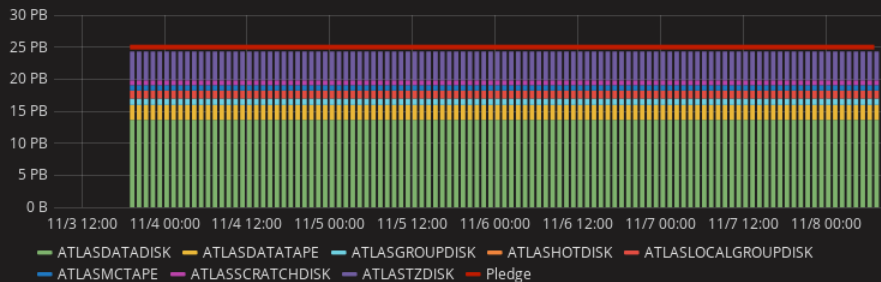
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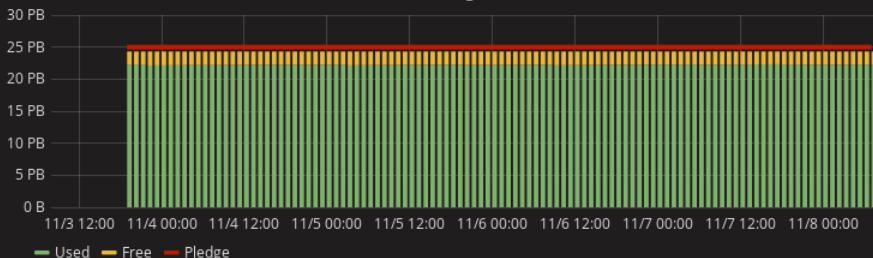
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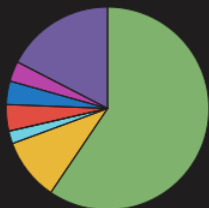
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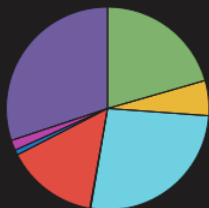
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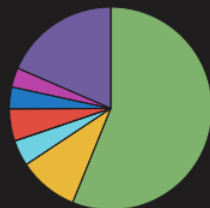
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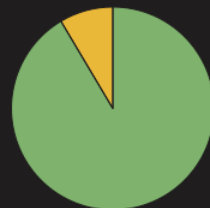
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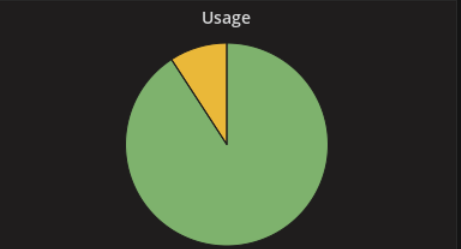
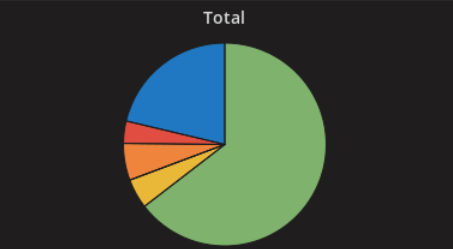
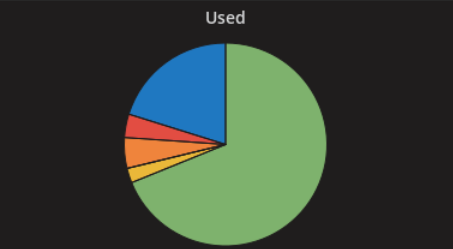
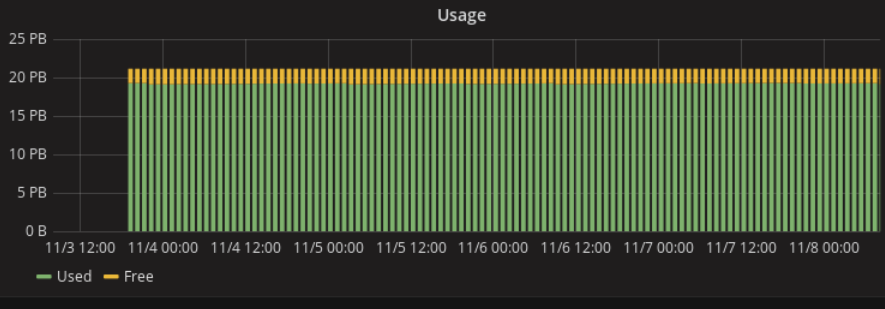
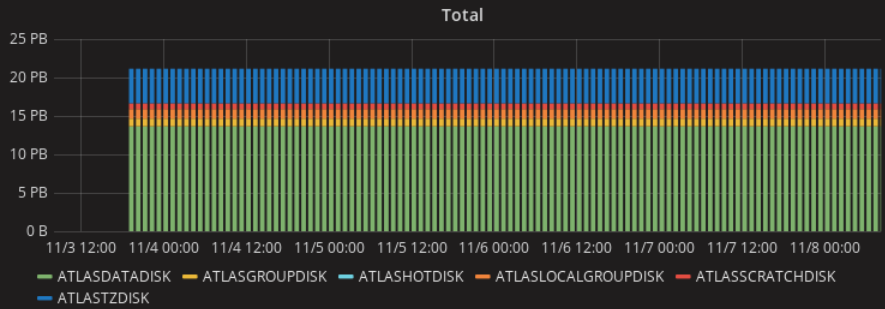
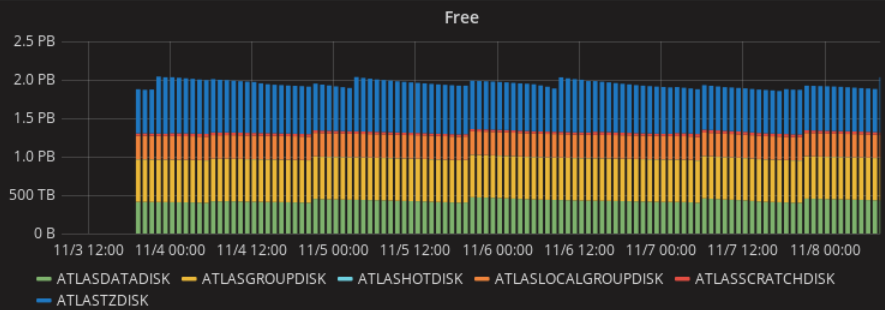
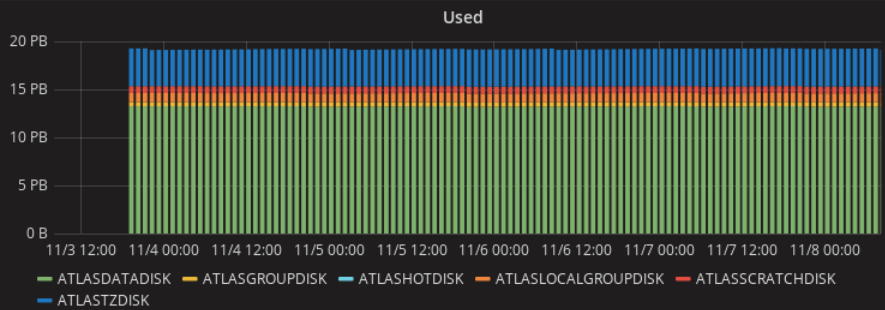


Usage





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# Future Work

- ❑ LHCb, ALICE and CMS
- ❑ CRIC and SRR
- ❑ Data validation
- ❑ Tape storage

# Questions?



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