



# CRIC as a core instrument for WLCG operations



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CRIC is a framework providing a centralized (and flexible) way to describe which resources are provided by the WLCG computing infrastructure and also how the various organisations that run on the grid use them:

- Clear distinction between resources provided by (Sites) and resources used by (Experiments)
- Shared building blocks to optimize development process and to ensure common look and feel.
- Flexibility to address technology evolution and changes in the experiment computing models and applications.

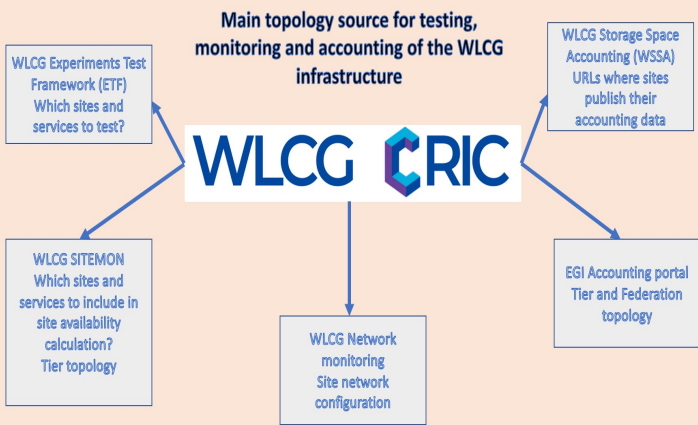
## VO requirements and pledge management

CRIC keeps information about VO requirements and yearly pledges.

CRIC UI allows:

- VOs to define their CPU and storage requirements;
- Federations to inject their yearly pledges;
- Compare pledges with VO requirements and actual usage metrics

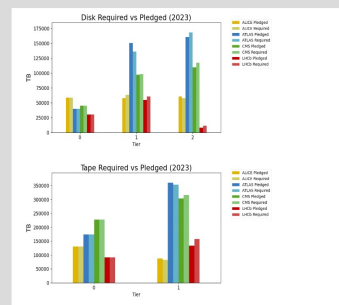
## Main topology source for testing, monitoring and accounting of the WLCG infrastructure



## Fulfillment of MoU obligations

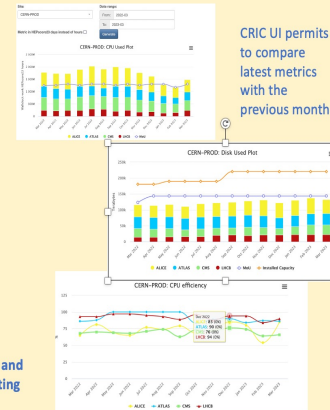


CRIC provides information to generate RRB reports illustrating fulfillment of WLCG MoU obligations



## Monthly accounting validation

During monthly validation administrators can check auto-generated accounting data, compare it with local site measurements and correct data which looks wrong. Inconsistencies between auto-generated data and data provided by site administrators is being followed up by WLCG operations.

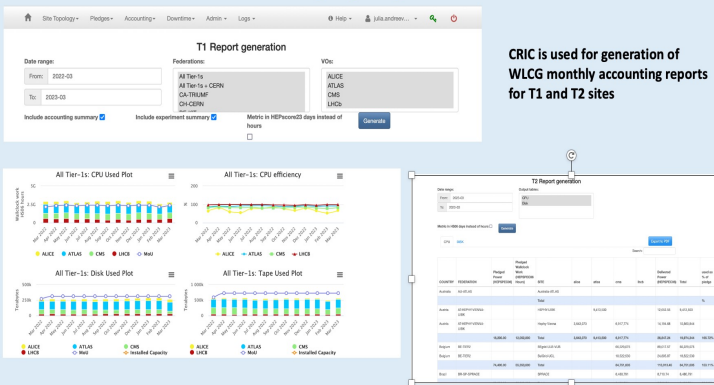


## WLCG upgrade and deployment campaigns

CRIC is widely used by WLCG operations for large scale upgrade and deployment campaigns on the WLCG infrastructure

Ongoing campaign of migration of the DPM storage to other solutions

## Accounting report generation



CRIC is used for generation of WLCG monthly accounting reports for T1 and T2 sites