

WLCG Reporting

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Outline

- What does the WLCG want to know about my site?
- How do I report this?
- What OIM settings should I have?

What WLCG Wants

- WLCG has two current monthly reports, and a third one is in progress:
 - Reliability reports (reliability & avail.)
 - Accounting reports (CPU hours)
 - (Upcoming) Installed Capacity

Feeding the WLCG

- Reliability reports are based on the RSV results for each month. These are transferred by GOC to the WLCG.
- Accounting reports are based off Gratia accounting. These are transferred by FNAL to the WLCG.
- Installed Capacity will be based on capacity values put into OIM.*

The contents of *

- The installed capacity reports are a bit different because all non-OSG sites will report this through the BDII
- To prevent accidental mismatches between BDII data and OIM data, we will be “correcting” the BDII data sent to the WLCG based on OIM (mostly, this applies to CMS sites and AGLT2).

OIM Settings

- All resources in the WLCG MoU should have “This is a WLCG resource” checked
- This includes your CE(s) and SE(s)

OIM Settings

- Only sites needing to use CERN FTS and/or gLite WMS should enable “Should this resource be part of WLCG Interop BDII?”
- To my knowledge, only AGLT2 and BNL

OIM Settings

- All sites in the WLCG MoU should have WLCG Interop Monitoring and Accounting checked.
- Fill in your “WLCG Accounting Name” as the official WLCG federation name [for ATLAS, this is usually “US-(name)”].]
- You probably want one CE and SE per site, but more CEs are better in terms of reliability metrics.

OIM Settings

- For KSI2K Minimum, fill in your **actual** installed capacity out of amount pledged for the WLCG MoU.
- For KSI2K Maximum, fill in your **pledged** capacity.
- Same for storage capacity.
- For capacities split amongst sites, just make sure the sum is correct - how you divide this between the site is not very important right now.

OIM Settings

- For HEPSPEC, fill in the value you have measured for your site.
- Set to 0 if you have not measured this!
- This is out of the amount you have pledged, so don't enter in more than the pledge.

Example

WLCG Interoperability Information (If Applicable)

Enable this section if your resource is part of the WLCG interoperability agreement. You can then provide more interoperability details for this resource, including KSI2K Limits and storage capacity min/max values. If you are not sure about any of these values, ask your Owner VO(s)!

- This is a WLCG resource
- Should this resource be part of WLCG Interop BDII? ←
- Should this resource be part of WLCG Interop Monitoring?
- Should this resource be part of WLCG Interop Accounting?

Enable for
AGLT2 and BNL

WLCG Accounting Name

T3_US_Omaha * Required

KSI2K Minimum

12257.0 * Required

KSI2K Maximum

12257.0 * Required

HEPSPEC Value

0.0 * Required

Storage Capacity Minimum (in TeraBytes)

150.0 * Required

Storage Capacity Maximum (in TeraBytes)

150.0 * Required

or [Cancel](#)

WLCG Reports

- We have not yet seen any draft reports from the WLCG (expected Sept/Oct).
- We might have to tweak the advice/settings based upon their feedback - nothing is currently foreseen.
- Review your settings! I suspect there's a bug in OIM which makes WLCG Accounting Name disappear.

Questions?

- Karthik is the ATLAS expert about this - but I always (try to) answer my emails!