WP4 report

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Agenda

◆ Current status

◆ Deployment

◆ Support

◆ Plans for final deliverables

WP4 status

✓ WP4 components included in EDG 2.0:

  ✓ LCFGng

  ✓ Fabric Monitoring (LEMON)

  ✓ LCAS (plugin version) + edg_gatekeeper

  ✓ RMS with accounting functionality

  ✓ GLUE CE information providers

✓ WP4 components included in EDG 2.1:

  ✓ LCAS and LCMAPS with VOMS plugins

WP4 agenda at Heidelberg

◆ Hands-on tutorials:

- Quattor tutorial, www.quattor.org
  - ~25 persons attended it
  - Available at the web page

- WP4 internal hands-on workshop:
  - Resource management components
  - Fault tolerance framework
  - Fabric Monitoring components
  - Gridification components (LCAS, LCMAPS)

◆ Preparation for final deliverables

Deployment status (outside EDG)

- ◆ QUATTOR
  - Managing >1300 nodes in the Cern CC
    - RH73, RHES21; RH10 to come
    - CPU nodes, tape servers, disk servers, infrastructure servers
  - Discussing possible deployment in Liverpool (1000 nodes)

- ◆ Gridification (LCAS, LCMAPS, edg-gatekeeper)
  - Evaluation by PPDG project, LCAS in SAZ tool from Fermilab
  - In the Netherlands: VL-E (Virtual Laboratory for E-science)

- ◆ LEMON:
  - Client part in production at CERN for more than a year; central repository with Oracle backend recently deployed; initial experience is good.
  - Used by GridICE

Support

No changes in the WP4 support structure from now till the end of the project:

- Priority given to bug fixes

- WP4 support goes via Bugzilla. If urgent interaction needed, contact WP4 integration:

    hep-proj-grid-wp4-integration@cern.ch

- Testing and documentation: will be the main activities for the rest of the project

Support after the end of the project:

- Open question

- To be decided at a project level

Final EU deliverables

✓ Components and documentation for testbed 3:

- ✓ Includes all WP4 components, integrated or not in the EDG testbed
- ✓ To be delivered with documentation, tests…

✓ WP4 Final Report:

- ✓ Comparison of the final components against the WP4 architecture deliverable
- ✓ Evaluate the resulting tools according to the check list defined in the tool survey deliverable