



Contribution ID: 74

Type: **not specified**

Service Availability Monitoring (SAM)

Wednesday, 28 March 2012 14:20 (25 minutes)

Description of the Work

Service Availability Monitoring (SAM) is a well-established software framework providing extensive monitoring of the EGI infrastructure. SAM as one of the key operational tools supports rich functionality including remote monitoring of services, visualization of the service status, Web-based API, alarm system and generation of the availability and reliability reports for the WLCG project. SAM is currently used by all the NGIs participating in the EGI project. The service is developed and operated by a collaboration of members from University Computing Centre (SRCE), Aristotle University of Thessaloniki (AUTH), European Organization for Nuclear Research (CERN) and Bhabha Atomic Research Centre (BARC).

The overall architecture of SAM will be presented as well as current status of the developments. Recently added features and components will be shown including Profile Management System (POEM), new features of the MyEGI Web interface and Nagios Configuration Service (NCG). A detailed description of the functionality of these components will be provided and at the same a possible impact on operations will be discussed. In general, the components introduced will extend the existing user-defined configuration, improve visualization of the grid infrastructure, simplify the deployment of Nagios as well as extend the support for regionalization across existing components. In addition, SAM roadmap will be presented, highlighting the planned developments for the forthcoming period. Finally, a short demo of the newly added features and components will be shown.

Conclusions

<https://tomtools.cern.ch/confluence/display/SAMDOC/Milestones>

Impact

Advancement in the SAM operations and development technical roadmap.

URL

<http://grid-monitoring.cern.ch/myegi>

Overview (For the conference guide)

Overall status of the recent developments in Service Availability Monitoring (SAM).

Primary authors: Mr TRIANTAFYLLIDIS, Christos (AUTH); Mr COLLADOS, David (CERN); Mr IMAMAGIC, Emir (SRCE); Dr BABIK, Marian (CERN); Ms FUENTE, Paloma (CERN); Mr ANDRADE, Pedro (CERN); Mr LAPKA, Wojciech (CERN)

Presenter: Dr BABIK, Marian (CERN)

Session Classification: Service Management and Monitoring

Track Classification: Operational services and infrastructure