Operations Coordination Team

Maria Girone, CERN IT-ES

Kick-off meeting
24th September 2012
Background & Mandate

- Proposal for creating a WLCG Operations Coordination Team was presented and approved in July 2012
  - Two long term teams were proposed out of the TEG process (Operations Coordination and Networking). Smaller scope transient teams were also proposed
    - There should be strong interactions between the teams

- This team will build on the existing experience to
  - understand what services are actually needed;
  - monitor health;
  - negotiate the configuration, upgrade and roll-back;
  - commission new services
  - help in transition when services are decommissioned
  - ensure and strengthen communication to sites
Coordination

• Emphasis on this effort is coordination in scope of WLCG
  – There are many operations activities (sites, NGIs, larger grid projects, and the communities)
  – Total effort dedicated to the team will be limited

• Value of the team will be in facilitating communication and ensuring smooth operations
  – Integration and commissioning effort is vital for successful deployment of production quality services, following initial development/prototyping
Computing as a Service

• Would like to arrive at a point where
  – A small number of well-defined common services would be needed per site;
  – Installing, configuring and upgrading these would be “trivial”
  – All services would comply to standards, e.g. for error messages, monitoring;
  – Services would be resilient to glitches and highly available;
  – In case of load (or unexpected “user behavior”) they would react gracefully;
  – In case of problems, diagnosis and remedy should be straightforward and rapid.

• A point where sites provide a defined service and experiments use it
  – Increased expectations on the stability and quality of the service, but lower expectations on the need for customization and interaction
Team & Roles

• Key body: core members + targeted experts from sites / regions, experiments and services
  – Site/regions representatives: G. Merino (PIC), J. Coles I. Collier, A. Forti (GridPP), L. Dell’Agnello (CNAF), R. Santana (ROC-LA)
  – Tiziana Ferrari (EGI/NGIs operations), OSG?
  – T1 representatives (as for the daily meeting)

• Integrate long-term goals with short-term task forces to address specific deployment / de-commissioning issue
  – Recommends to the MB specific solutions

• Interact with other WGs via representation of team members
  • e.g. data federations, networking, information system, security, ...
Meetings

• **Quarterly Operations Planning**
  – Reviews needs from experiments and sites
  – Prepares plans and proposes them to the MB
  – Creates and dissolves internal ops task forces

• **Fortnightly Operations Coordination (more by A. Sciabà)**
  – Monitors and coordinates on-going operations
  – Thursday, 15:30-17:00 CET
  – Chairs: M. Girone, G. Merino, M. Dimou, A. Valassi,
    • minutes and action list
  – Secretary: A. Sciabà, A. Di Girolamo, M. Litmaath,
  – Mailing list

• **Daily Operations**
### Agenda for the day

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tr>
<td>00</td>
<td><strong>0 - Introduction</strong></td>
<td>Dr. Maria GIRONE</td>
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<td>00</td>
<td><strong>1 - Communication channels</strong></td>
<td>Dr. Andrea SCIABA</td>
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<td>14:30</td>
<td><strong>2 - Task forces (1/2)</strong></td>
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<td>3162-2-E01, CERN</td>
<td>14:30 - 15:00</td>
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<td>15:00</td>
<td><strong>Coffee break</strong></td>
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<td>3162-2-E01, CERN</td>
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<td><strong>3 - Task forces (2/2)</strong></td>
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<td>3162-2-E01, CERN</td>
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<td><strong>4 - Task forces prioritisation</strong></td>
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Initial Task Forces

Dedicated discussion later on priorities!

Please continue to sign up!!!!

- **CVMFS deployment completion**
  - S. Roiser, I. Collier, A. Da Silva (ATLAS), C. Wissing (CMS), ...

- **gLExec deployment completion**
  - M. Litmaath, A. Di Girolamo, T. Wenaus (ATLAS), I. Sfilgoi and C. Grandi (CMS), S. Roiser, ...

- **PerfSonar deployment**
  - S. McKee, (ATLAS), S. Campana, M. Zielinski, (CMS), S. Liu (CMS), ...

- **Tracking tools evolution**
  - M. Dimou, B. Hegner & V. Diez (PH-SPI), H. Dres, G. Grein, O. Gutsche (CMS), Ueda(ATLAS), N. Hoimyr (JIRA), ...

- **Operational aspects of middleware deployment**
  - M. Litmaath, O. Keeble, T. Ferrari, A. Forti & J. Coles (GridPP), A. Tiradani (OSG interoperability issues), M. Cattaneo (LHCb), ...
Initial Task Forces (2)

- Squid monitoring
  - D. Dykstra (CMS), S. Roiser, A. Valassi, S. Campana, A. Di Girolamo, A. Beche, ...
- FTS3 integration and deployment
  - N. Magini, A. Di Girolamo, S. Roiser, Hiro, A. Lahif, ...
- SHA-2 migration
  - M. Litmaath, S. Campana (ATLAS), M. Altunay (CMS), ...
- Xrootd deployment
  - S. Campana, R. Gardner (ATLAS), B. Bockelman (CMS) & G. Donvito (CMS), D. Giordano, ...
- WMS future
  - S. Roiser, A. De Salvo, A. Sciabà, A. Di Girolamo, M. Litmaath, ...
- ...

TEG workshop, February 2012