Site report: AUTH

9th QWG Meeting
17-19 March 2010, Thessaloniki, GR
Christos Triantafyllidis, ctria@grid.auth.gr

Overview

- Changes in templates

- Developments

- Future thoughts / Concerns

Changes in templates

- Migrating from "cfg/local" to SCDB sites

  - lots of frozen code

  - lots of site customizations

  - Work in progress

- Included monitoring information at the profiles

  - Features (UI/WN/WebServer)

  - Attributes (SyslogServer)

HellasGrid

The "Assets" in our Quattor Tree

- Issue: We need to know where is what based on something central

  - A new DB

  - Quattor "DB"

- A new SCDB Group called "assets" and a definition of some assets

  - KVMs, StorageArrays

- Good but not sufficient

Our SCDB cluster structure

- 4 SCDB cluster groups

  - glite 3.1

  - glite 3.2

  - non-grid

  - Assets

- SCDB clusters per machine criticality

  - WNs/Site Services/Core services/XEN hosts

- SCDB clusters per assets per Grid cluster

  - GR-01-AUTH/HG-03-AUTH/GridAUTH

Developments

- XEN configurations

  - Frozen to a template configuration about a year and a half ago

  - At last QWG, safely removed Host dependancy on Guest

  - Now designing the removal of the DHCP request from XEN host on behalf of the guests

    - Host is using its one network configuration for the request which is not always valid for the guests

    - TFTP will remain for the installation/localboot decisions

Developments

- Templates for new machine types

  - Message Broker

    - Almost ready/clean-ups

    - Stable instance at AUTH

  - egee-NAGIOS/egee-SNAGIOS

    - Work to do

    - Many stable instances at AUTH

  - Not really based on previous QWG work but on implementing OAT's yaim functions

Developments

- QAD
  - Almost completed the nagios interface
  - Moving services from files configuration to QAD at our fabric Nagios
- Added JRuby at our SCDB
  - Ability to create ant tasks in ruby
  - Ant tasks for QAD integration
- Nightly errata template generation

Issues / Future thoughts / concerns

- QAD
  - acting as an interface for administrators
  - changes are imported via ant tasks to templates
- Get rid of frozen templates in "local" site
  - ongoing task
- Sync with QWG (C/P from last workshop)
  - one man show / find a proper workflow that everyone could use
  - what are YOU doing? (hands-on?)

Numbers...

- 28 SCDB clusters

- 7 SCDB sites

- 165 object templates

- Full compilation on my laptop

  - about 6 mins

- Full compilation on our Quattor server

  - about 3.5 mins

GridAUTH
Advanced Computing Services

Thank you

Questions?