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IPv6 executive report for TCB

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Hi Michel,

this is my report for the TCB: please find answers online.
(I am adding some people from NGIs in CC for possible further comments from their side).

Il 10/02/2012 10:25, Michel Drescher ha scritto:

> Ciao Mario,
>
> Today we have a TCB call at 14:00 (using HiDef, see http://go.egi.eu/TCB-10), and there are three actions
> outstanding that are related to the IPv6 testbed (see quote below).
>
> **Action 08/03:** Report which NGIs are available to provide IPv6 testbed

1)
The NGIs which have answered "yes" to the request for their availability to join an IPv6 testbed are 14 (2 of
them in some months time) and are the following ones:

BA, BG, CZ, FI, FR, DE, GR, IT, LT, ME, NL, SI, CH, TW (see column 9 in the Survey results on
https://wiki.egi.eu/wiki/IPv6)

To be defined are Spain ("we have to check"), and CERN ("TBD").

As of today, NGIs who actually showed up in the first VCONF to start the IPv6 testbed activities are only 5 :
NGI_CH, NGI_IT, NGI_DE, NGI_CZ, NGI_UK : Additionally, NGI_SI could not join the VC, but they asked to
be able to read minutes and
  join this activity - being mostly interested in ARC.
 I have been informed yesterday by Alessandro Usai, SWITCH / NGI_CH, that unfortunately most likely they
won't be able to contribute any more, any further, to the IPv6 activities, at least for now.
Therefore NGI_CH won't participate any further.
The only NGIs who so far have clearly committed to contribute resources are NGI_IT (GARR) and NGI_CZ
(FZU). No ther NGI has expressed their intention to do so.

So far, a VOMS server for a new dedicated VO called 'eginetsup' had been installed at GARR (voms-
4.dir.garr.it) - with some 5-6 registered users so far. Subsequently, GARR has suffered a major security
accident, so the VOMS server has ot be reinstalled.
So, as of today, unfortunately there is not a single IPv6 resource in the EGI IPv6 testbed.

I understood from Alessandro Usai/Kostas Koumentaros, in response to a ticket about the unavailability of an
IPv6 UMD repository, that GRNET will provide an IPv6-enabled UMD repository in some days/weeks from
now.

I understand there is not bright progress in this respect. I will try to poll people again in the next days.

> **Action 08/04:** Define a scenario testing for IPv6 in terms of what software deployment is desired (e.g., CE?, All gLite/EMI?)

2)
The agreed position among people who joined the Jan 13 EGI IPv6 VCONF is to start by the core job execution services and site information / global information systems for the UMD release.
This, in agreement with Dave Kelsey, who joined, representing the IPv6 HEPiX WG, who started focusing on GridFTP and the Data-Management related components.
NGI_CH stated they would be interested to start - if possible in parallel - the testing of all major collective/operations-related services (NAGIOS, etc..).

As suggested by Tiziana, I tried to relate contributing partners to a corresponding middleware family within UMD: so far, SWITCH expressed their interes to test ARC and gLite, GARR gLite, FZU the gLite LB server, NGI_SI interested in ARC.
UNICORE is currently uncovered. An action is on me/Bruno to try to find someone willing to test unicore, or to test it myself at GARR.
Now that SWITCH won't partipate any more, also ARC will have to be entirely covered by NGI_SI, if possible.

> **Action 09/03:** To clarify with HEPIX what is the difference between HEPIX and EGI IPv6 testbeds and evaluate how these can be integrated together

3)
Some partners (like SWITCH, FZU. GARR) are active in both IPv6 teams/testbeds.

So far, the agreement is that HEPiX will start focusing more on Data Management related components (GridFTP, DPM-SE, etc..), including some LHC experiments' frameworks (I think CMS is one of the first ones..)

In future, we might consider merging the testbeds; as of today, there are independent testbeds working on the same goal (test IPv6 compliance of the Grid middleware and applications), wich some differences:

a) HEPiX clearly focuses more on HEP
b) Applications are not so relevant for EGI, they come after basic middleware checks
c) Currently, as I said, HEPiX focuses more on Data Management : this is why we are trying to direct EGI towards Workload Management and InfoSys.

> Can you give us an executive report on those actions (please also supply links to detailed info) before, say 13:00 today?

Should you need me in voice please dial +39 328 58 43 618 or Skype.
I attach here the minutes of last EGI IPv6 VCONF.

> Cheers, and have a nice weekend,
> Michel

Hth.
Ciao
Mario

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