



Enabling Grids for E-science

NA4 Review Recommendations

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- **Status of Activity**
- **Remaining Work**
- **Issues**
- **Reviewer Recommendations**

- **NA4 activity:**
 - Generally following prescribed program of work.
 - See diversification of VOs and applications running on grid.
 - Also see growing application complexity, differing QoS reqs.
- **User communication aspects are strong:**
 - Successful mini-UF at EGEE'07
 - Series of meetings for scientific disciplines
 - Planning for UF3 well underway
- **User survey (MNA4.3.2)**
 - <https://edms.cern.ch/document/878801/1>
 - SA1, NA2, NA3, JRA1 will find interesting information there.

- **Remaining milestones/deliverables:**
 - MNA4.4.2: User Forum
 - § Program defined; working out last-minute kinks.
 - MNA4.5: CC & Fusion Demos
 - § Will be presented at UF3.
 - DNA4.2.2: Application Use of EGEE-II
 - § Application survey underway.
 - § Other information available elsewhere (accounting, user survey, ...).
- **After UF3, will concentrate on:**
 - Improvement, broader deployment of MPI/SDJ configs.
 - RESPECT
 - MATLAB collaboration
 - Transition into EGEE-III

- **Fusion cluster:**

- Paco Castejon has been much more active within the NA4 management and improved the coordination in the fusion cluster.
- PMB was to provide a definitive solution to manpower and effort issues surrounding fusion cluster coordination.
- PMB proposed a tentative solution that *has not been* finalized or implemented.
- Unfortunately, too late now to plan cluster workshop / partner review for this sector in EGEE-II.
- Strongly encourage PMB to provide definitive solution so that uncertainty does not negatively impact the EGEE-III program.

NA1 and NA4. Develop policies towards ensuring that VOs acquire entitlement to resources and preferably also contribute resources to the shared infrastructure.

VO Config. WG:

Simplify configuration/policies to encourage more sharing.

Encourage use of CIC Portal for VO registration.

Resource authorization metrics:

Have generated number of metrics by hand.

Need better way of viewing resource sharing information.

Encourage use of existing VOs in preference to creating new ones.

NA4. Make the RESPECT list of software packages public and easily accessible, for the benefit of both existing and prospective VOs.

NA4. Keep the RESPECT list up to date so that packages that no longer perform well can be withdrawn from the list.

RESPECT list is available from the NA4 website.

Few packages are listed, but those listed are current.

Would like to do more here, but this always appears to be at the end of a long list of urgent items (EGEE-III, UF3, ...).

NA4. Improve the NA4 portal layout so that newcomers have better visibility of existing VOs, and new users are first encouraged to join registered VOs before inviting them to create a new one.

Links to the list (part of the CIC portal maintained by SA1) of registered VOs have been added to the NA4 portal.

List of VOs is available without a certificate.

Have worked with CIC developers to improve the information content and presentation.

Continue to encourage in presentations to new users that existing VOs should be used in preference to creating new VOs.

NA4 and SA1. Encourage more wide-spread use of the dashboard tool, both internally and within non-LHC VOs.

The dashboard has been developed and successfully used by the LHC community.

DILIGENT and VL MED are first two non-LHC VOs to use the dashboard. Use by non-LHC VOs has helped generalize the dashboard.

Expect further take-up after production use by DILIGENT and VL MED.