

Catch-All Virtual Organizations - Solution for Heterogeneous and Disperse Grid Users Communities

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The so-called "catch-all" virtual organizations (VOs) represent an effective way for users to use grid environments. Catch-all VOs are provided as a service to users' communities as part of user support activities of several projects. Catch-all VOs tie together resource providers and different end user communities, thus forming a crucial step towards routine production way of worldwide grid platform, which is easily available to users. Decreasing the entrance barrier is especially important for various regions with high heterogeneity and different grid knowledge of involved parties. The experience obtained through establishment, management, and subsequent monitoring of performed research within Virtual Organization for Central Europe (VOCE) will be discussed. Advantages and added values of catch-all VO approach as well as encountered challenges and issues will be discussed and corresponding solutions will be presented. Moreover, built on the top of the expertise gained with the catch-all concept, a know-how transfer through partnership within the EUAsiaGRID project will be introduced and recommendations to a newly established, regional VO (namely EUAsiaGRID VO) will be suggested.

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