

Community support in IS-ENES2

Context of community support in IS-ENES2

Summary of IS-ENES2 requirements for community support

Detailed requirements

1. Training Requirements

i. Do you use or plan to use e-Infrastructure technology?

Using Cloud, Grid, HPC, cluster computing, ESGF is e-infrastructure in this sense

ii. What is your community training plan?

Workshops from time to time. Also we communicate inside our communities training course and workshops organized by HPC center or European projects (PRACE, EGI,...).

iii. Does your community consider adopting e-Infrastructure solutions (e.g., Cloud, Grid, HPC, cluster computing). n/a

iv. Is your community interested in training courses that introduce state-of-the-art e-Infrastructure technology? Need to see the detail. Potentially yes.

v. What topics (related to e-Infrastructure solutions) would your community be interested in? Load balancing, compute resources management.

vi. Who would be audience?

- *Please describe their knowledge background of e-Infrastructure technology* Developers and PIs of our RI at the first stage.

vii. What are appropriate methods to deliver this training? Workshops

2. Requirements for the Community Support Subsystem:

i. What are the required functionalities of your Community Support capability?

We have AAI, help desks and accountings activities in place.

ii. What are the non-functional requirements, e.g., privacy, licensing, performance?

Good performance for high data volumes. Some data have licensing constraints that will restrict access to a certain group of users.

iii. What standards do you use, e.g., related to data, metadata, web services? Metadata: ISO, DIF, SAML, REST, DC...

iv. What community software/services/applications do you use?

For AAI we use OAuth2, OpenID, SAML, X509.

For ESGF: LAS, Synda, Birdhouse, netCDF, Thredds...

Formalities (who & when)

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