



www.egi.eu

@EGI_eInfra

Installation CVMFS

EGI-ACE WP6

Jose Caballero Bejar

Rutherford Appleton Laboratory - STFC

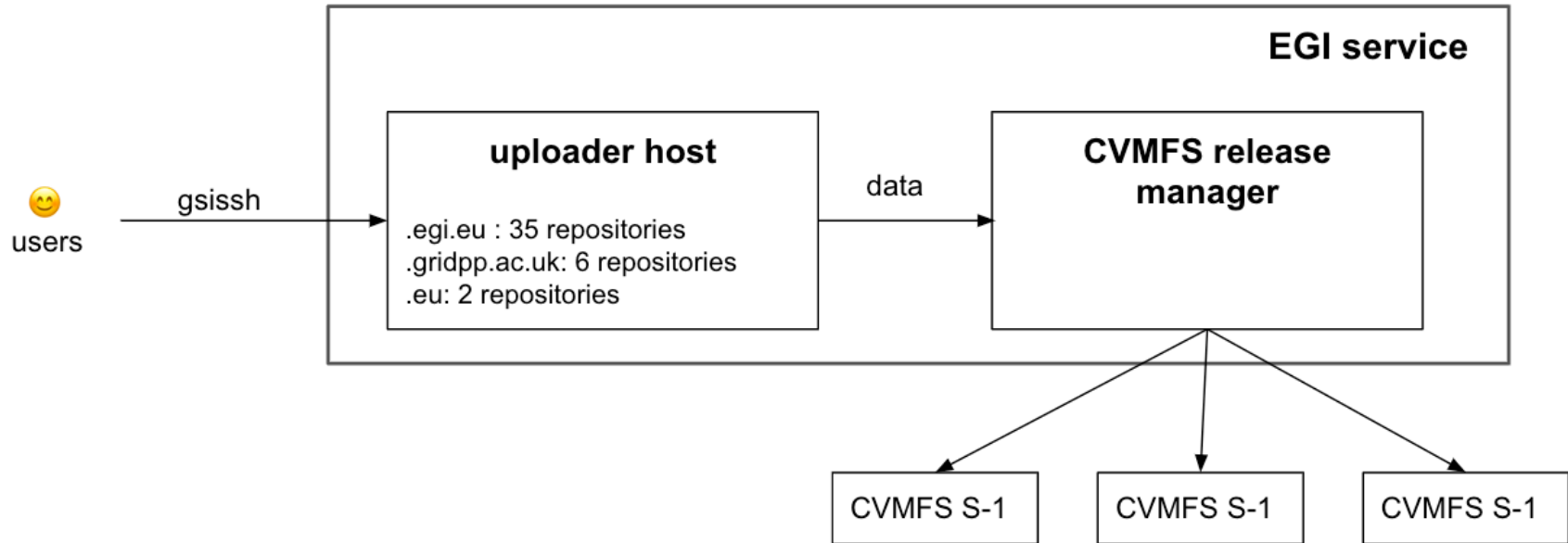


The work of the EGI Foundation
is partly funded by the European Commission
under H2020 Framework Programme

Installation CVMFS

Introduction

Name	CVMFS
Description	Repositories server for scientific software distribution
User group	All EGI VOs who need to distribute scientific software to the Grid
Features	<p><i>“The CernVM File System (CernVM-FS) is a read-only file system designed to deliver scientific software onto virtual machines and physical worker nodes in a fast, scalable, and reliable way. Files and file metadata are downloaded on demand and aggressively cached [...] CernVM-FS ensures data authenticity and integrity over these possibly untrusted caches and connections.”</i></p> <p>RAL maintains a server (or Stratum-0) and a cache (Stratum-1). The Stratum-0 is the service under EGI.</p>
Integrations with EGI infrastructure	
Entry in the EGI Catalogue (www.egi.eu)	
Entry in the EOSC Portal	



Activity	Responsible person/Partner	Description	Start Date (MM/YY)	End Date (MM/YY)
<i>Onboarding in EGI catalogue</i>	Jose Caballero			
<i>Onboarding in EOSC Portal</i>				
<i>Integration with Check-in</i>				
Containers' integration		Facilitate the distribution of container images.		
User documentation		Improvements on users documentation. E.g. new Privacy Notice, how to use and exploit the service, etc.		

- *Interested new communities:*

- Any new EGI community that needs to distribute their scientific software via CVMFS.
- In particular, communities interested in distributing container images to the grid.