

ARGUS TESTBED 001 2011 :

Testbed Case Applicant Details:

Testbed Applicant	Product Teams involved or potentially interested	Testing period and estimated duration
Andrea Ceccanti (Argus PT)	Argus PT, CREAM PT, DM PTs (optional)	4-6 weeks

Testbed Case Detailed description:

1. Testing Use Case:
 - ◆ Evaluate Argus integration in CREAM CE and SEs (optional) in a distributed, production-like deployment.
 - ◆ Assess the scalability under high load, i.e. when multiple CEs,SEs, WNs on the site produce an high number of concurrent requests
 - ◆ Evaluate Global banning list functionality across multiple sites
 - ◆ Evaluate VO level policy distribution across multiple sites (Optional)
2. Testbed Required Resources:
 - ◆ Minimal number of sites: 2
 - ◆ Expected usage scale (ex. number of users, number of requests/jobs/ to handle): TBD

Testbed Case Required Resources :

List of EMI components to be deployed in the testbed infrastructure	Expected number of instances per component per site	Versions/Platform to be deployed per product/component	Platform
Argus	Argus (1 node per site)	EMI rc releases	SL5 X86_64 with EPEL
VOMS	1, central	EMI rc releases	SL5 X86_64 with EPEL
CREAM CEs	CREAM CEs (2 per site)	EMI rc releases	SL5 X86_64 with EPEL
gLexec enabled WNs	gLexec-enabled WNs (2 or more per site)	EMI rc releases	SL5 X86_64 with EPEL
SEs (optional)		EMI rc releases	SL5 X86_64 with EPEL
Top-level Argus PAP (for global banning list test)	1 Top-level Argus PAP (possibly replicated)	EMI rc releases	SL5 X86_64 with EPEL
VO-level Argus PAP (for VO level policy distribution test) (optional)	1 VO-level Argus PAP (possibly replicated)	EMI rc releases	SL5 X86_64 with EPEL

Testbed Case Resources Configuration:

Network requirements	Accessibility requirements	Component configuration	Needed Grid User accounts	Supported Virtual Organization	fake CA or certificates
Default for all	TBD	CREAM callout to	TBD	testers.emi-eu.emi	Fake CA (generated with https://arc-emi.grid.upjs.sk/instantCA)

		Argus for authorization (site level) gridftp callout to Argus in the CREAM CE (site level) gLexec WN callout to Argus for authorizaion (site level) Argus site PAP policy import from Top-level Argus PAP) for the test enabled in testers.emi-eu.emi
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1. Any other information useful to define the required testing environment: TBD

Setup /Participant Sites :

Tests Logbook / Feedbacks :

-- DaniloDongiovanni - 04-Apr-2011

This topic: EMI > ArgusTestBed0012011

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