CCIN2P3

cnrs

Centre de Calcul
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OPERATION PORTAL

EGI Conference 2023

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- The Operations Portal is historically the central portal for operations management of the EGI federated infrastructure.
- **2 Instances** since February 2021

https://opsportal.eosc-portal.eu

https://operations-portal.egi.eu

EGI ACE Instance

- **Broadcast** : Contact and inform the different actors of the project for specific problems or global announcements
- **Dashboards** : Detect, track and follow-up problems and incident on the resource centers
- **VO Management tools** : Register, update, consult information about virtual communities
- **Metrics** : Provide metrics and indicators about the different activities of the project linked to VOs, users
- **Reports** : SLA violations reports and cloud badges
- **+ API**

Latest achievements

- **3 releases for 2022, 2 releases for 2023**
- **Improvements on the VO ID cards**
  - New types of registries (CoManage, VOMS IAM)
  - New methods for the API
  - Multiples bugs fixes
- **Upgrade of policies and data protection documents**
- **Migration to Symfony 5, bootstrap 5**

- **New features related to security (details in next slides)**
- **SLA violations Metrics and FedCloud badges (details in next slides)**

Security section

New API CALL to identify sites vulnerable to critical vulnerabilities

- tag - severity of CVE tagged in pakiti (eg EGI-Critical)
- cve - CVE identificator
- site - site name
- host - host name
- os - OS of host
- arch - host architecture
- last_report - time of last report from host

Automate computing of KPI showing infrastructure patch status for vulnerabilities

- A table is listing the last CVE
- A chart is summarizing the situation over time

Number of vulnerable sites per vulnerability per day
Vulnerable sites
Days
Dec 22
Jan 01
Feb 01
Mar 01
Apr 01
May 01
Jun 01
Jun 22
cve-2022-3225
cve-2022-2563
cve-2022-0847
cve-2022-0185
cve-2022-2330
cve-2021-3156
cve-2021-3390
cve-2021-4034
cve-2022-4197
cve-2022-2588
cve-2016-5195
cve-2014-9322
cve-2013-2094
cve-2010-3081

SLA Violations

- a table summarizes the availabilities and reliabilities of a given SLA group per month.
- each SLA group has defined thresholds and is red if the threshold is not respected

Fedcloud badges

- a table summarizes the availabilities and reliabilities of cloud sites
- The sites can obtain different medals
  - if certified
  - if used by scientific communities through Service Level Agreement
  - and if availability/reliability >= given threshold % for 3 consecutive months

Fedcloud badges

Column visibility ▾ Export ▾

Search:

Fedcloud Site	2022-05	2022-06	2022-07	2022-08	2022-09	2022-10	2022-11	2022-12	2023-01	2023-02	2023-03	2023-04	2023-05
100IT	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇
BIFI									🥇	🥇	🥇	🥇	
CESGA				🥇	🥇				🥇	🥇	🥇	🥇	🥇
CESGA-CLOUD				🥇	🥇	🥇	🥇	🥇					
CESNET-MCC	🥇	🥇	🥈	🥈	🥈	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇
CETA-GRID				🥇	🥈	🥈	🥈	🥇	🥇	🥇	🥇		
CLOUDIFIN	🥇	🥇				🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇
CSTCLOUD-EGI	🥇	🥇						🥇				🥇	🥇
CYFRONET-CLOUD													
DESY-CC	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇	🥇

SLA reports

Date Range: 2022-10-01 / 2023-06-22

Column visibility | Export

SLA Reports	2022-10		2022-11		2022-12		2023-01		2023-02		2023-03		2023-04
	Av	Re	Av	Re	Av	Re	Av	Re	Av	Re	Av	Re	Av
EGI_AIIDALAB_SLA	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	100	100	99.7	99.7	100
EGI_AoD_SLA	100	100	100	100	100	100	100	100	100	100	99.99	99.99	100
EGI_BELLE2_SLA	99.33	99.33	100	100	100	100	100	100	98.17	99.96	99.63	99.63	99.58
EGI_BIOISI_SLA	99.33	99.33	100	100	100	100	100	100	100	100	99.66	99.66	100
EGI_CLARIN_SLA	100	100	100	100	100	100	100	100	100	100	99.81	99.81	100
EGI_CSCALE_SLA	100	100	100	100	100	100	100	100	100	100	99.79	99.79	100
EGI_DEEP_SLA	99.91	99.91	100	100	100	100	100	100	100	100	99.75	99.75	100
EGI_DEIMOS_SLA	99.7	99.7	100	100	100	100	100	100	100	100	99.72	99.72	100
EGI_DIGITBRAIN_SLA	99.97	99.97	99.86	99.86	100	100	100	100	100	100	99.74	99.74	100
EGI_EISCAT3D_SLA	99.44	99.44	99.95	99.95	100	100	96.65	96.65	99.83	99.83	99.59	99.59	100

Roadmap

- **Next release (July)**
  - Migration to Symfony 6, php 8
  - Improvements on the broadcast tool (EGI Scope)
- **Limited effort from July**
- **Continuity plan to be discussed**