

Centre de Calcul
de l'Institut National de Physique Nucléaire
et de Physique des Particules

EGI-ACE Activity

DIRAC Project F2F - Gino Marchetti

➤ **EGI-ACE requirements**

- Platform hosting & administration
- Developments
- Procedures and documentation
- Change Management
- Meetings & Dissemination

➤ **Improving the service**

- Resources providers information
- Installation packaging

➤ **What comes next**

Implement the **Compute Platform of the European Open Science Cloud** and contribute to the **EOSC Data Commons** by delivering integrated computing, platforms, data spaces and tools as an integrated solution.

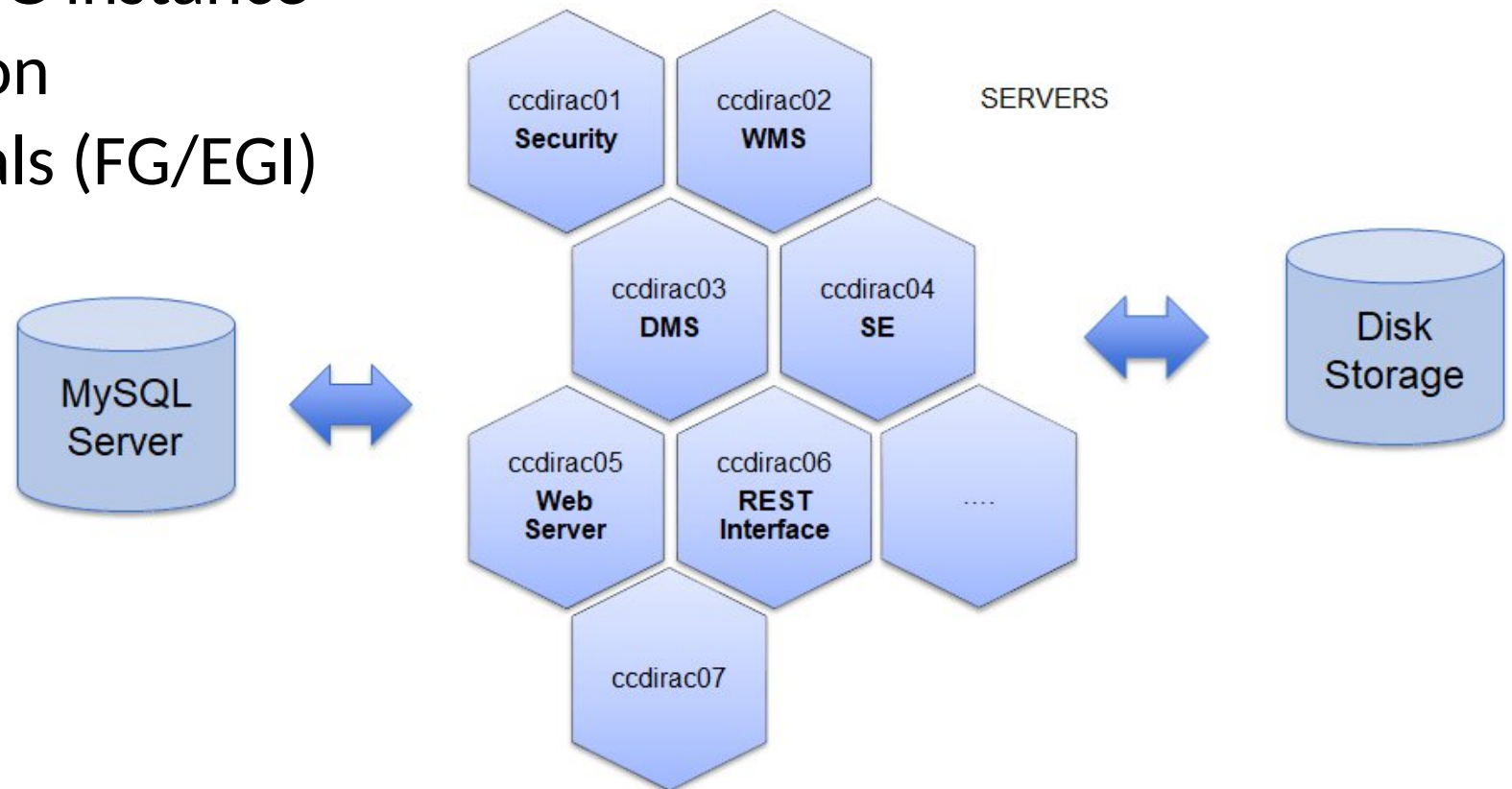


➤ VM Infrastructure (hosted in CC-IN2P3)

- 4 VMs added to the FG instance
- Mutualized installation
- 2 different web-portals (FG/EGI)

➤ User support

- GGUS tickets



➤ **Integration with EGI Cloud providers**

➤ Jira ticket: ACETA-27

➤ **Integration with Check-in**

➤ Jira ticket: ACETA-35

➤ **Integration with RUCIO**

➤ Jira ticket: ACETA-94

➤ **Integration with Notebooks**

➤ Jira ticket: ACETA-118

➤ **Privacy Policy, AUP and DPA**

➤ with Baptiste Grenier

➤ **VA Reporting**

➤ with Enol Fernandez

➤ **Workload Manager capacity plan**

➤ with Catalin Condurache

➤ **D2.3 Technical specification for compute common services**

➤ with Enol Fernandez

➤ **D4.3 Periodical assessment of Platform services (WIP)**

➤ with Enol Fernandez

➤ Purpose

- manage higher risk changes in a planned and predictable manner

➤ Higher risk changes

- Software updates (new patches, release, version)
- Infrastructure updates (service migration, add/delete a VM or a DB, machine certificates)
- Method: requiring change owners to evaluate risk & submit a Jira ticket to the Change Advisory Board

➤ Lower risk changes

- Add/remove a resource provider
- Add/remove DIRAC applications

➤ **WP4 monthly meetings**

- give the updates on the service, issues, tickets

➤ **Dirac project monthly meetings**

- follow the project updates

➤ **Dirac zoom weekly meetings**

- follow up on the activities around the service

➤ **DIRAC Virtual Workshop**

- 11th May 2021

➤ **EGI Conference**

- 21st October 2021

➤ **JCAD**

- 15th December 2021

➤ **2nd DIRAC Virtual Workshop**

- 9th May 2022

➤ **Journées R&T IN2P3**

- 23rd October 2022 - Lyon

➤ **Issue:**

- Site information comes from different sources and is not always complete or up to date.

➤ **Site by site update**

- Need to cross-reference BDII and GOCDB

➤ **Working with a “gatherer”**

- Information may be gathered from different sources with the help of the EGI Operations Portal (Cyril)
- The issue was discussed during a WP4 meeting. Enol escalated it, but no news until now.

➤ **Helping DIRAC platform dissemination**

- Following Documentation: “Dirac Server installation” & “Basic Tutorial Setup”

➤ **Ansible steps**

- Server installation (Vobox, MariaDB, Dirac server)
- Client installation

➤ **Tutorial steps**

- WebApp
- Identities management
- Storage Element
- File Catalog
- Request Management System
- Transformation System
- Workload Management System

Credits: Paul Musset

➤ **DIRAC (EGI-WMS) in the EOSC Marketplace**

- Life after EGI-ACE: consolidation at EOSC level
- Activity is going on to formalize ESCAPE as an ESFRI cluster
- EGI-WMS should be part of the research infrastructures federated by the future ESCAPE cluster