



Science & Technology Facilities Council

e-Science

# **GOCDDB failover report**

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# GOCDDB- 3 failover (1)

- **RAL machine room migration in June**
  - RAL machine room offline for 1 week
  - Frontend running at ITWM in Germany
  - DB running at Daresbury in the UK
- **Bilan and actions**
  - It worked 😊
  - SSL issues identified



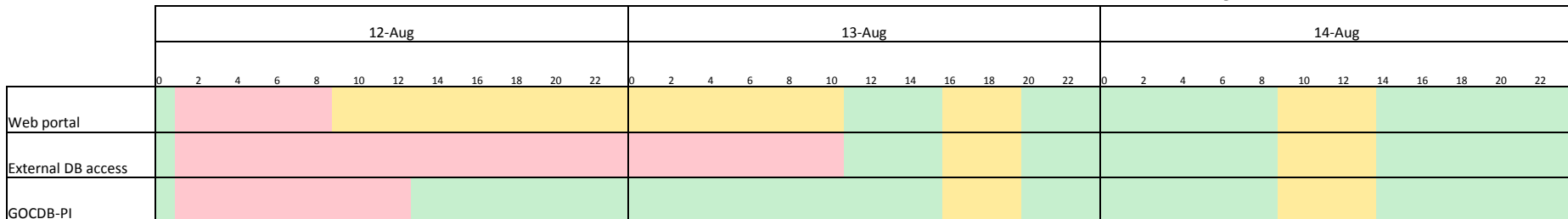
# **GOCDDB- 3 failover (2)**

- **RAL power outage 12- 16 August**
  - **Power went out at RAL on 12/08 at 00:30**
  - **“Emergency” failover operated**
  - **Involved a lot of head scratching (possibly leading to hair loss)**



# GOCDDB- 3 failover (3)

- **RAL power outage 12- 16 August**
  - **Overall impact on GOCDDB availability:**



- **GOCDDB web portal has been unavailable for 8.5h, and available in read- only for 25.5h**
- **GOCDDB- PI has been unavailable for 12.5h**
- **Direct DB access has been unavailable for 34h**



# GOCDDB- 3 failover (4)

- **RAL power outage 12- 16 August:  
Bilan and actions**
  - **Performance issues on CNAF DB**
    - Solved by changing the schema/queries
  - **DB dump transfer automation**
    - Worked on right now
- **Future of GOCDDB failover?**