



Science & Technology Facilities Council

e-Science

GOCDDB3 to GOCDDB4 migration plan

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Dates and milestones

- **Central GOCDB4 in production**
 - OAT milestone: end of October
 - More realistic release date: early November
- **Regionalisation**
 - All regions will be region2 for a start
 - Regions 1 and 3
 - tested by the end of 2009
 - First production instances early 2009



Transition options

- **Option 1**
 - **Scheduled Downtime - Stop GOCDB3**
 - **Bring GOCDB4 up**
 - **GOCDB4 is the official production system**
- **Option 2**
 - **Bring GOCDB4 up**
 - **GOCDB4 is the official production system**
 - **Keep GOCDB3 alive and use both systems for a while**
- **Option 3**
 - **Bring GOCDB4 up as a test/beta system**
 - **Keep using GOCDB3 as the official production system**
 - **Consolidate GOCDB4 until it can become official prod sys.**
 - **GOCDB3 shut down a few weeks after**



Option 1 + and -

- **Pros**

- Clean transition between the 2 systems
- Less confusing for user. It is clear which one is the prod system

- **Cons**

- Not possible to come back to GOCDB3 in case of problem
- High risks with current timeline
- One-off migration can't be smooth



Option 2 + and -

- **Pros**
 - Smooth transition between the 2 systems
 - GOCDB3 still there as a backup
- **Cons**
 - Data synchronisation technically difficult
 - Current timeline still tight
 - 2 systems in // can be confusing



Option 3 + and -

- **Pros**
 - Smooth transition between the 2 systems
 - More time to test and consolidate GOCDB4
- **Cons**
 - Data synchronisation technically difficult
 - 2 systems in // can be confusing



Conclusion

- **Whatever our choice, the transition plan has to be decided and announced by the end of September**
- **Once this is done we can't change our mind**