

Data Management Plan
Core Services

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S3 + PID - what we need

To prepare PoC we need

- set of files we can use for testing - we plan to use Data Cite's test services
  - https://api.test.datacite.org/dois
- Information about each and every file (as described in e-mail)
- data must be licensed such way we can make it fully public
- we need to have a plan for purchasing more DOIs next year

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Simulation Catalogue and data import

Current state of the matter is described in the ticket

- CQT2DMP-116
- We have to introduce some modifications if we want to allow people to import data into system
- We have to introduce the concept of **machine**
- Machines must be correctly set inside **dataset_description** IDS and must conform to **IMAS Validator** rules
- We suggest following Google GCP approach
  - who can perform action - **user**
  - what roles user is associated with - what can be done - **role**
  - what resources are affected by the **role** - **resource + role = access rights**
  - with this approach we can reuse what we already have
    - this will require fine grained roles. For example:
      - write-machine-WEST, write-machine-JET, write-machine-TCV
      - read-machine-WEST, read-machine-JET, read-machine-TCV

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Simulation Catalogue and data import

An alternative approach is to use policy based approach - like in Amazon

- This approach, however, would be an overkill here
- For each resource we can have multiple policies for multiple users
- The result is based on calculating the sum of all policies
- This approach would require adding simplified view of policies anyways

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Any questions?