

We switch – the migration status.

Due to OpenStack discontinuation.

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Content

1. General info about the migration
2. Status of migration
3. Future of SCT Meetings



General

- Two things to be taken into account for ongoing or planned ingestion:
 1. The new URL of SciCat at DESY is from June on: **scicat.desy.de**
 2. We ingest now with tokens that are created individually for a longer period.
- Dump to the new system are done for
 - FLASH from <https://scicat-flash-test1.desy.de> 3.972 entries, latest ingest 2025-04-24.
 - p08 test1 from <https://scicat-petra-test.desy.de> 41.667 entries, latest ingest 2024-10-23.
 - p08 test2 from <https://scicat-p08-test2.desy.de> 57.308 entries, ingest ongoing.
- Migration is done individually. By the end of this month migration should be done. First two are not critical, we are doing it now and last one Jan K is adding token support in the code **scingestor**.

Status

- Dumping has been *done* for **p08-test1** (1.1GB) and **flash-test1** (16M) metadata.
 - Errors when dumping to locally to laptop, but it worked smoothly using syncandshare API.
- Managed upload for scicat-flash and scicat-p08-test1 data, currently investigating if all metadata taken is properly transferred. At the same time we develop a backup strategy for scicat.desy.de.
- Plan for dump of **p08-test2** instance: Jan K is currently preparing his scingestor to support tokens. When the beamtime is over I'll do the dump and upload to the new system.
- The new system **scicat.desy.de** runs on IT-system's Kubernetes cluster, which already is the productive environment. It's about 3 months old by now where we use new tools like argoCD*. We use continue to use official images and helm charts for transparent and reproducible actions.
- Next steps comprise: setup of dev-enviroment and tools for performance monitoring.

Thanks Johannes Reppin!

* deployment tool: argoCD - for GitOps continuous delivery tool for Kubernetes.

Next SCT meetings

From weekly to biweekly?

- We had 35 weekly meetings from September 2023.
- Content to discuss in SCT meetings: anything related to SciCat at DESY meaning
 - Setup of SciCat to have catalogue functionality and option to mint DOIs
 - Get feedback from anyone involved here, e.g. L and IT groups?
 - Reports from these two working groups or task forces (as initiated on 10th April 2025) about

Task Force 1: “cold PETRA data”: how to get them into SciCat to mint a DOI?

Task Force 2: “data access”: what needs to be done in order to make SciCat also a tool for accessing experimental data themselves?

And it seems that both tasks interfere... at least the plan is to have these task forces reporting in this frame.
What does it need to make here progress?

- Next meeting: to be announced.