

ASAP3 Data Storage for PETRA III

? Unknown Attachment

The ASAP3 storage is divided into two GPFS file-systems; the beamline file-system and the core file-system. The beamline file-system is optimised for the ingestion of data in high speed bursts, while the core file-system has been optimised for capacity and parallel concurrent access.

Data taken during a beamtime is first written to the beamline file-system, and is then concurrently synced to the core file-system from where it can be accessed and analysed with a delay of a few minutes. Once the beamtime is stopped, the data corresponding to this beamtime can only be accessed from the core file-system.

Please report problems with the system via email to

it-asap3@desy.de

Frequently asked questions

- [How to Start a beamtime](#)
 - [How to Stop a beamtime](#)
 - [How to Start a Commissioning Run](#)
 - [How to Stop a Commissioning Run](#)
 - [How to mount the storage system at the Beamline](#)
 - [Mounting Pool Detectors at the Beamlines](#)
 - [Which data gets transferred to the core filesystem](#)
 - [How to access the data](#)
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