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## When does Rosetta run fixity?

- **Product:** Rosetta
  - **Product Version:** 5
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### Question

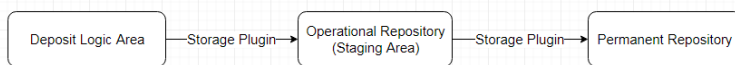
When does Rosetta run fixity?

### Answer

In operational repository: as a part of the validation stack in the fixity task that runs during sip processing. The .1 value is compared with the value provided in the METS of the SIP (if provided). In case fixity is not provided, the .(system will generate new fixity values (SHA1, MD5 and CRC32

In permanent repository: when running a validation process on objects in permanent, the validation process .2 .contains a checksum task in the task chain

In Storage Plugin –storage plugins verify the integrity of a file between stages. NFS and Amazon plugins .3 perform data integrity check that completes (from a Rosetta perspective) the chain of custody from the deposit all .the way through to permanent



### Additional Information

[Custom Fixity Plugin](#)

[NFS Pair Tree Storage Plug-In](#)

[Amazon S3 Storage Plug-In](#)

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