Archiving a file to tape

1 User copies file to EOSTAPE

`> eos cp local_file /eos/eos_file`

`> cta a eos/eos_file storage_class/eos_instance/inode`

Tape Storage Element

EOS

ns -> inodes
ns -> storage classes

Disk

2 On close of disk file, EOS queues an archive request in CTA

3 CTA pulls file from EOS and writes it to tape

5 Tape server signals file is finally on tape

CTA

hardware catalogue
queues, policies, …

inode -> {vid, position}

Tape

4 On flush of tape file, CTA stores EOS inode against vid and position