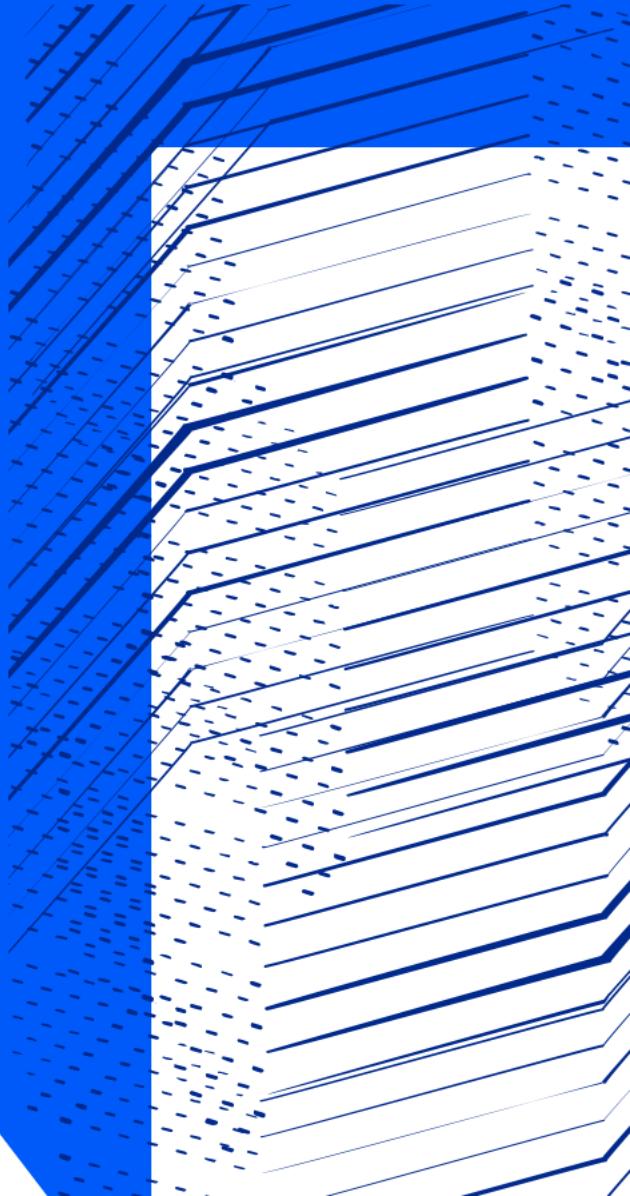




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Antares Status

Alastair Dewhurst on behalf of RAL



Status

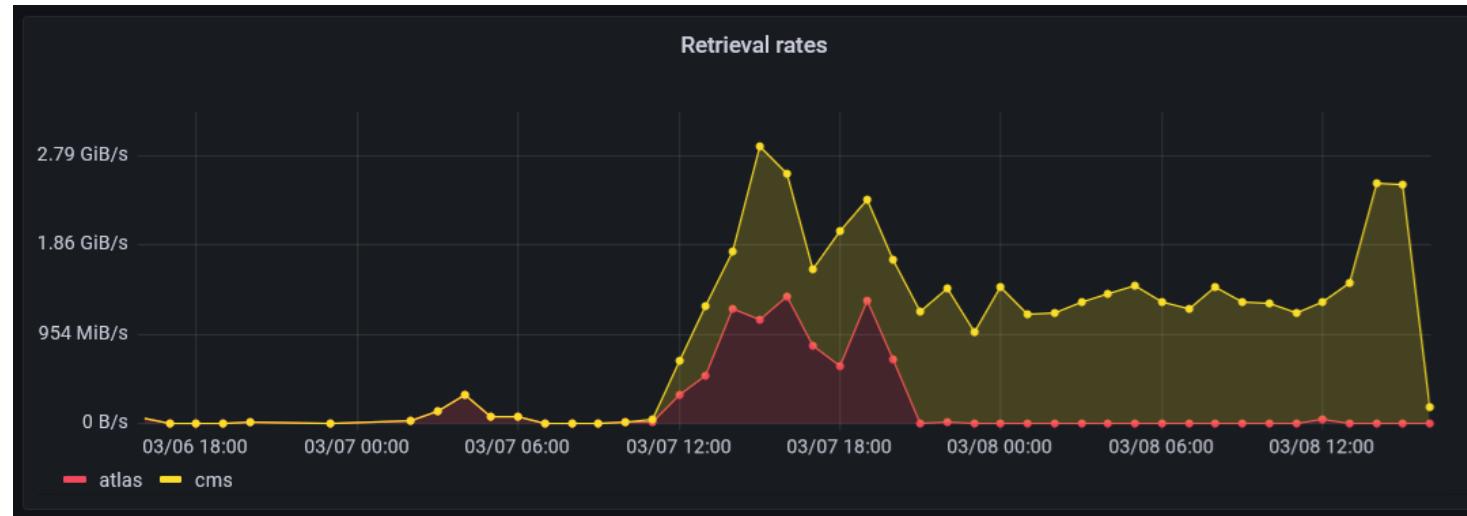
- We migrated all VOs from Castor to Antares in the week beginning 28th February.
 - 57 million files taking up 70PB of space.
 - Downtime took a day longer than scheduled.
- Antares entered production on Friday 4th March 2022.
 - It has double the amount of hardware compared to the tape challenge in October.
- Things are in general going well and we are coping well with load.
 - Quite a few ACL / Permission issues were encountered.
 - CMS experienced issues with recalls during their tape challenge this week, however we believe this has been resolved and we are waiting for CMS to resubmit the recalls.
- We have setup a Webdav endpoint for LHCb. CERN is not currently the recommending this and therefore we will restrict it to LHCb until we are more confident in it.
- All the VO have been running test transfers and we believe everything has been demonstrated to work.

Functional VO Testing

Test	ATLAS	CMS	LHCb	ALICE
End-to-end client archive/retrieval (internal/external)	Done	Done	Done	Done
FTS XrootD transfer between CERN and Antares	Done	Done	N/A	N/A
WebDAV and FTS WebDAV/TPC	N/A	N/A	Done	N/A
FTS multi-hop transfer between Antares and offsite via Echo	Done	Done	N/A	N/A

Next steps

- We are looking forward to seeing how well Antares performs next week.
- We will only have had ~6 working days since entering production.
 - There will almost inevitably be some issues.
 - Monitoring is not yet fully optimized.
- We would greatly appreciate it if VOs can inform us as soon as possible if they observe a problem.
 - If the VOs are able to pause / restart writes / recalls if requested that would be helpful.



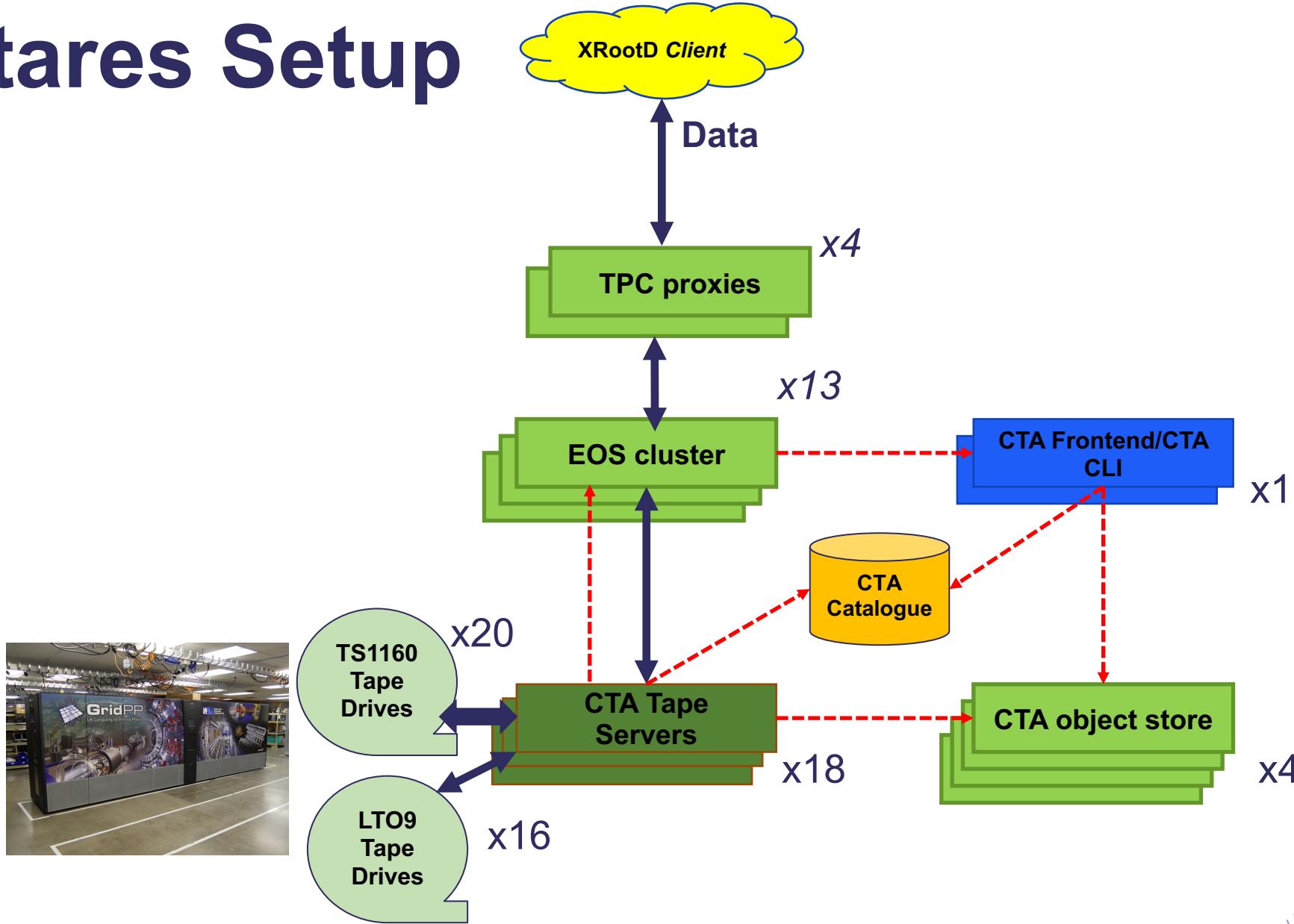


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Questions?



Antares Setup



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LHC VO Run3 requirements

	Reads (DT) GB/s	Writes (DT) GB/s	Reads (A-DT) GB/s	Writes (A-DT) GB/s
ALICE	-	0.08	0.05	0.08
ATLAS	0.4	1.4	1.2	0.7
CMS	0.1	0.9	1.5	0.1
LHCb	-	2.92	1.12	-