

Meet the Architect

Our next [Meet the Architect](#) will be on **Tuesday, April 12th**. From April on, we are switching to a new schedule! Mark your calendars because MTA will move to the **2nd Tuesday of every month**.

Join us April 12th, when Rick Osowski and Gregory Touretsky will present the 'Why' and the 'How' of the recent work to containerize CORTX.

And if you missed out on last month's session, it is now [available on Youtube](#). In the March session, Seagate CORTX architects Sai Narasimhamurthy, David Vasiliauskas, and Ganesan Umenesan presented some of our collaborative research projects happening in Europe, and also discussed ephemeral services, deep technical designs for namespace management, and hierarchical storage.

Friday Tech Session

We are excited to invite the Community to join us for the Friday Tech Session on April 22nd at **9:30 am BST (1:30 am Pacific)**.

Sai Narasimhamurthy will present a status update of the multiple EU R&D partnerships involving CORTX. These include middleware to connect CORTX to popular HPC frameworks, development for hierarchical storage management systems, a deep dive into CORTX performance measurements, and specific use cases for various applications such as weather and imaging. You can join the meeting on the day of at this link: <https://cortx.link/tech-friday>.

CORTX-Test

CORTX-Test is now open source! CORTX-TEST, the repository in which we store our automated testing tools, is now open to the public. These are the tools that we use to ensure CORTX performance and correctness. Check it out: <https://github.com/Seagate/cortx-test>.

ICYMI

Recent Updates:

- #1566: Updates to set proper [setup size](#) for services other than ios and confd.
- #1563: updates [CORTX-MOTR-ARCHITECTURE.md](#)
- #1556 Updates [STs](#) to use the transport specific address format.
- #609: Migrates the S3 accounts tab in the administration user page in [Cortx-Management-Portal](#).
- #1548 allows [Motr config](#) to set the watermarks for memory limits.
- #1539 removes deprecated [provisioner keys](#).
- #1553 changes log level to DEBUG, instead of ERROR for [ENOBUFS and ENODATA](#).
- #1540 suppresses excess errors in [kubectl logs due to Btree](#).

- #1537 fixes the [compilation errors](#) that we get on Rocky Linux 8.4 while we enable code coverage.

Open Issues & Discussions:

- Issue #1471 was raised about the Cortx [Request Rate Limit](#).
- There was an issue in cortx-test where there was a request to [use assert instead of assert_util](#) as the former is easier to debug than the latter.
- Discussion of whether there are or should be any [client libraries for Motr](#) which contain high level motr function e.g. put_index, get_index read, write, etc, e.g. libevent or hiredis for redis equivalent.)
- There was a discussion about [building a CORTX server](#) that anyone can log into and get a look and feel for the CORTX instance.
- There was an issue where a user was getting [a 404 error](#) when creating an s3 account.

Slack Discussions:

- In #cortx-motr, a discussion about a motr lib which could directly use certain functions <https://cortxcommunity.slack.com/archives/C019S0SGWNQ/p1648444796902669>
- In #cortx-motr, a question about how and where [op_pending_tx](#) (operation pending transaction) is cleaned.
- In #cortx-rgw, a discussion around [whether RGW/MGW \(Rado Gateway/Motr Gateway\)](#) avoids RMW (read, modify, write) for parity groups.
- In #general, there was a discussion of an issue with [linking buckets](#).

That's all for April! See you in May!

Best,

Rachel Novak