



How to Motr

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● AGENDA

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What is Motr



02

How to install and run a Motr cluster



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How to configure and tune a Motr cluster



04

Questions



What is Motr?

- Motr is the motor of the entire CORTX system
- Motr is a distributed object storage system
- Built and designed for mass capacity configurations
- Motr interacts directly with block devices [1]



[1] File Systems Unfit as Distributed Storage Backends: Lessons from 10 Years of Ceph Evolution

Why care about Motr?

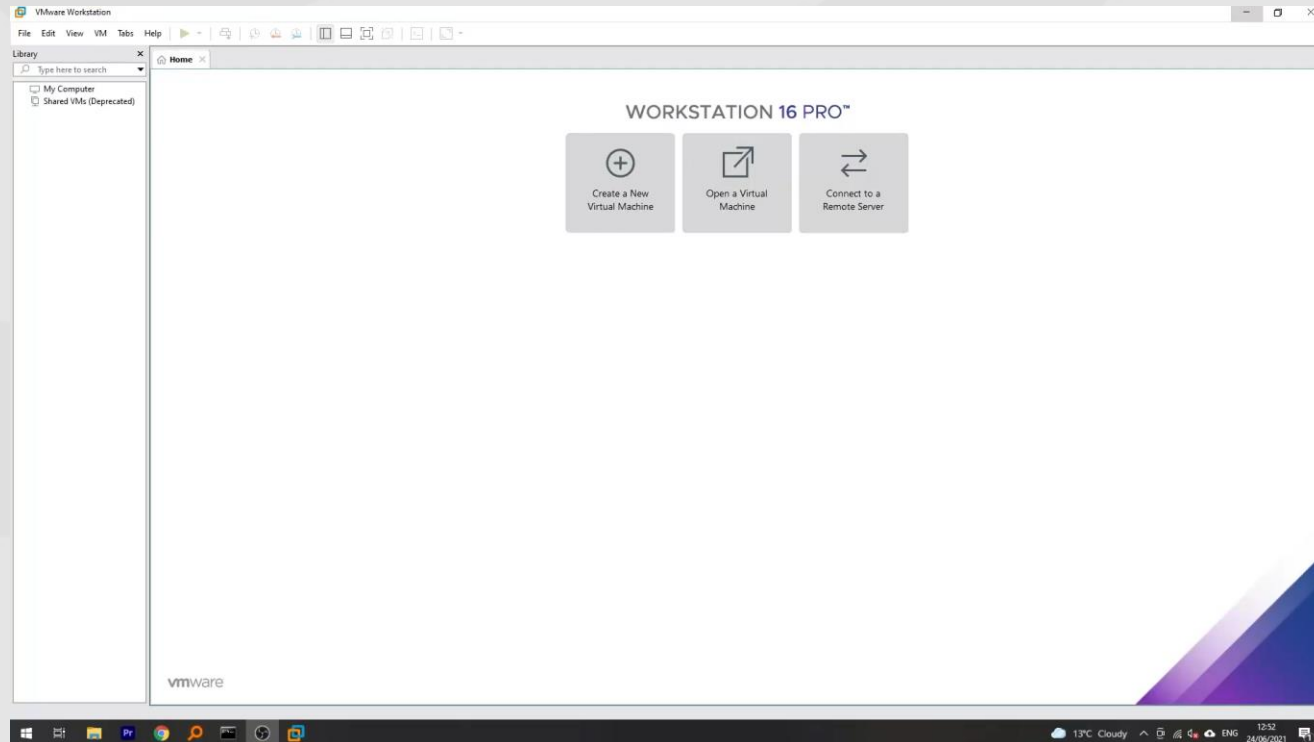
- Visible to the world
- Motr has big aspirations that it has not yet reached – this could be you!
- Great learning opportunity – what I know now vs what I knew before January
- Great chance to be part of a growing community
- Great support



How to install a Motr cluster

DATA IS POTENTIAL

- I prepared a short video of me cloning Motr, building and running a Motr cluster



How to configure a Motr cluster

DATA IS POTENTIAL

- I prepared a short video of me cloning Motr, building and running a Motr cluster

```
File Edit View Window Help
[Icons]
Home [Icon] Netrium

inet6 fe80::196c:3f9c:5a22:e621v4
routes f080::v4
routes ff80::v8

to: unmanaged
    "io"
loopback (unknown), 00:00:00:00:00:00, sw, mta 65536

DNS configuration:
servers: 192.168.23.2
domains: localdomain
interface: ens33

Use "nmcli device show" to get complete information about known devices and
"nmcli connection show" to get an overview on active connection profiles.

Consult nmcli(1) and nmcli-examples(7) manual pages for complete usage details.
Inet6localhost okratein t 443.0174063 DnetError: 3597:8:(lib-pty.c:190:inet_try_match_md()) Patch
ing packet from 12345-192.168.23.153tcp, match 9807199254740992 length 69632 too big: 1045080 left,
65536 allowed
I 442.2552081 DnetError: 3597:8:(lib-pty.c:190:inet_try_match_md()) Matching packet from 12345-192.
168.23.153tcp, match 9807199254740992 length 69632 too big: 1046240 left, 65536 allowed
I 447.2365721 DnetError: 3597:8:(lib-pty.c:190:inet_try_match_md()) Skipped 2 previous similar mess
ages
I 451.1028061 DnetError: 3597:8:(lib-pty.c:190:inet_try_match_md()) Matching packet from 12345-192.
168.23.153tcp, match 9807199254740992 length 69632 too big: 1045960 left, 65536 allowed
I 454.1025741 DnetError: 3597:8:(lib-pty.c:190:inet_try_match_md()) Matching packet from 12345-192.
168.23.153tcp, match 9807199254740992 length 69632 too big: 1046030 left, 65536 allowed
I 459.6468081 DnetError: 3597:8:(lib-pty.c:190:inet_try_match_md()) Matching packet from 12345-192.
168.23.153tcp, match 9807199254740992 length 69632 too big: 1046030 left, 65536 allowed
I 459.6468731 DnetError: 3597:8:(lib-pty.c:190:inet_try_match_md()) Skipped 1 previous similar mess
age
I 467.9339381 DnetError: 3597:8:(lib-pty.c:190:inet_try_match_md()) Matching packet from 12345-192.
168.23.153tcp, match 9807199254740992 length 69632 too big: 1046152 left, 65536 allowed
I 467.9346551 DnetError: 3597:8:(lib-pty.c:190:inet_try_match_md()) Skipped 3 previous similar mess
ages
=
```

Questions?

DATA IS POTENTIAL