



Container Migration News

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<https://people.redhat.com/~areber/2021-container-plumbing-days.pdf>

Agenda

Technical Background

runc and crun

New Podman Features

CRI-O and Migration

Technical Background

Based on CRIU

Checkpoint Restore in Userspace

CRIU uses

`/proc/<PID>/*`

PTRACE

Parasite Code

CRIU and Containers

runc and crun

runc

Checkpoint out of PID namespace

Restore into new PID namespace

crun

TODO: crun

Pre-Copy Migration

TODO: crun

Post-Copy Migration

TODO: crun

Pod Support

New Podman Features

New Podman Features

Pre-Copy Migration

New Podman Features

Volume Support

CRI-O and Migration

CRI-O and Migration

Code taken from Podman

CRI-O and Migration Pod Support Added

