

Linux Plumbers Conference 2024



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Zoned storage support for QEMU

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- Let's discuss the state of zoned storage in QEMU and any questions about using zoned storage in QEMU.
- Zoned block devices on Linux can now be exposed to VMs via SCSI ZBC and virtio-blk emulation.
- SCSI devices can also be passed through (scsi-generic) and physical PCI adapters can be assigned to VMs if you don't want QEMU emulation involved.
- There is work in progress to support NVMe ZNS, which currently only offers volatile zone state and is not suitable for running production VMs yet.
- There is also work in progress to support emulating zones inside qcow2 files for testing and bring-up.

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