

Proxmox

Infrastructure - pve

Read-only infrastructure overview and topology snapshot for the Proxmox host pve.

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Infrastructure overview and topology

Proxmox infrastructure overview

Snapshot: 2026-09-13 UTC | **Host:** pve | **Method:** read-only host-local inspection via the connected OpenClaw node.

Summary

Proxmox VE 9.2.0 / pve-manager 9.2.11, kernel 7.0.14-15-pve. This is a single-node host with 24 logical CPUs, 62 GiB RAM, and an NVMe-backed LVM-thin datastore.

Live workload snapshot: **3 QEMU VMs** (105, 6000, 6100) and **6 LXC containers** (100, 101, 102, 107, 112, 119). Defined but not observed running: LXC 106 and 111. Storage volumes also indicate historical/stopped guests 104 and 110.

Guest inventory

QEMU VMs

ID	Name	Resources / notes
105	haos17-2	3 vCPU, 4 GiB; Home Assistant OS; USB passthrough
6000	OpenVino	4 vCPU, 17 GiB; PCI passthrough 00:02.0 and 00:0b.0; 150 GiB LVM disk

ID	Name	Resources / notes
6100	claw	2 vCPU, 4.4 GiB; QEMU guest agent; qcow2 disk on /mnt/drive2

LXC containers

ID	Hostname	Limit / placement	State
100	npmplus	512 MiB; CPU 20	Running
101	vault.stargrid.com.au	1 GiB; CPU 20	Running
102	dock	4.63 GiB; CPUs 20-21; 4 CPU quota; nested Docker	Running
107	si.stargrid.com.au	2 GiB; CPUs 8,15	Running
112	sparky.stargrid.com.au	2 GiB; unpinned	Running
119	book.stargrid.com.au	1 GiB; unpinned	Running
106	zz.stargrid.com.au	2 GiB; CPUs 0,21	Defined; not seen running
111	stock.stargrid.com.au	3.95 GiB; CPUs 3,7	Defined; not seen running

Compute and storage

- CPU: Intel Core Ultra 7 270K Plus, 24 logical CPUs, VT-x enabled.
- Memory: 62 GiB total; ~34 GiB available at snapshot.
- Swap: 8 GiB; ~3.2 GiB used.
- System disk: Samsung 990 PRO 2 TB NVMe.
- Root: ~94 GiB filesystem, ~57 GiB used (64%).
- Proxmox LVM-thin pool: ~1.7 TiB.
- Backup disk: 10.9 TB WD at /mnt/raidbackup1.
- External RAID5: 3 × 10.9 TB WDC disks, ~21.8 TB md/LVM-backed Btrfs.
- Temporary RAID0: 2 × 10.9 TB HGST disks, ~21.8 TB ext4 at /mnt/tempraid.
- No ZFS pools detected.

Network and topology

- LAN bridge: vmbr0 via nic0, host 192.168.1.115/24.
- Tailscale: 100.87.74.45/32.
- Wi-Fi present but down.
- Guest veth/tap interfaces observed on vmbr0 for the live LXC's and VMs.

- Proxmox firewall bridge devices observed for VM 6000, VM 6100 and CT 102.

```

LAN 192.168.1.0/24
    |
    nic0 / vmbr0 ----- Tailscale 100.87.74.45
    |
+-----+-----+
|                                     |
QEMU VMs                           LXC containers
105 haos17-2                       100 npmplus
6000 OpenVino                      101 vault.stargrid.com.au
6100 claw                           102 dock + Docker
                                   107 si.stargrid.com.au
                                   112 sparky.stargrid.com.au
                                   119 book.stargrid.com.au

    |
NVMe LVM-thin datastore + external backup/RAID storage

```

Health findings and limitations

- pve-cluster, pvestatd, pvedaemon and pveproxy were active.
- **corosync was inactive.**
- Local pvsh calls failed: `Unable to load access control list: Unknown error -1`.
- Authenticated API checks returned **HTTP 401** for version, nodes, guests, storage and health.
- Therefore this is a host-local snapshot from running processes, LXC configs, block devices and interfaces—not a successful official API inventory.
- Single-node layout is a single point of failure.
- VM 6000 PCI passthrough and VM 105 USB passthrough create tighter hardware coupling.

Recommended follow-up

1. Investigate inactive corosync and pmxcfs ACL failures; do not restart services blindly.
2. Verify the API token and ACL once the control plane is healthy.
3. Check SMART, mdadm, LVM and Btrfs health.
4. Confirm backups and restore tests for critical VMs/LXCs.
5. Re-run official Proxmox inventory after repair.

Read-only snapshot. No guests were started, stopped, deleted, modified or snapshotted.

Notes

Notes

- 2026-09-13: Collected Proxmox compute, guests, storage and network overview.
- 2026-09-12: Diagnosed PVE API authentication and Tailscale routing read-only.