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VERAE TIME × ZAPIER

Proxmox

site/packages/verae-ops/93-proxmox.md

3. Proxmox (NS1 is the hypervisor)

NS1.GEORGELAMBERT.ORG (`70.88.205.138`) is the Proxmox host. Control plane, Caddy, keep, and fleet run on the host. Extra worm/tree copies run in an **unprivileged Ubuntu LXC** on the private bridge.

Bridge	Address	Use
vmbr0	<code>70.88.205.138/28</code>	Public HTTPS / SSH. Never NATS.
vmbr1	<code>10.10.10.1/24</code>	Private. PKI .11 , peergos-a .12 , peergos-b .13 , verae-px-worker .20

Guest we actually deploy

VMID	510
Name	verae-px-worker
Template	<code>ubuntu-24.04-standard_24.04-2_amd64.tar.zst</code> (local)
Disk	SSD2 16G
RAM / CPU	2G / 2
Roles	tree-node , archive-worm
Fleet id	<code>px-worker</code>
NATS	<code>nats://10.10.10.1:4222</code> (host socat → <code>127.0.0.1:4222</code>)

Repo: [verae-proxmox](#)

```
# on NS1
git clone ssh://git@git.georgelambert.org:2223/marchon/verae-proxmox.git
cd verae-proxmox
bash scripts/create-worker.sh
ssh -i ~/.ssh/id_ed25519 marchon@10.10.10.20 true
```

On the guest, bootstrap type `proxmox-worker` ([verae-bootstrap](#)). Then `verae-fleet ssh-check px-worker` and set `"enabled": true` in `overlays/ns1/machines.json`.

NATS for guests

Loopback NATS on the host stays `127.0.0.1:4222` (current lab bus). `verae-nats-private-proxy.service` binds **only** `10.10.10.1:4222` for the worker CT.

Three-node test cluster (distinct LXC, same chassis): [verae-nats-cluster](#)

Guest	VMID	IP
nats-a	511	10.10.10.21
nats-b	512	10.10.10.22
nats-c	513	10.10.10.23

`bash scripts/create-cluster.sh` then `bash scripts/test.sh`. Client URL lists all three. Do not listen on `vmbr0`. Same configs later move to separate hardware.

Suggested future guests (not created by create-worker.sh)

Guest	Role
<code>nats-b</code> <code>nats-c</code>	Extra JetStream nodes on <code>vmbr1</code> when leaving all-in-one
more <code>worker-*</code>	Same recipe as 510 with the next free <code>10.10.10.2x</code>

Edge / Caddy

Stay on the **host** (already live). Do not put zappier-edge in the worker CT.

Operator console: <https://fleet.zapier.georgelambert.org/> · overlay [packages/verae-fleet/overlays/ns1/](#).