

Proxmox VE Helper Scripts: Safe-Use Field Guide

How the Community Scripts work, what to check before running one as root, and how to fix the usual failures.

Updated **2026-10-29** · Full guide: www.mrplanb.com/proxmox/helper-scripts

Proxmox Helper Scripts are community-maintained shell scripts that create an LXC container or VM, assign resources, install an application and apply sensible defaults from one command in the Proxmox VE host shell. The collection started with tteck and is now maintained by the Community Scripts organization, so old tutorial commands are often out of date.

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command in the host shell
creates a ready LXC or VM

8.4–9.2

Proxmox VE versions listed
in the Community Scripts
requirements

7

steps in the usual workflow,
from shell to running service

Root

needed by most creation
scripts

How the workflow usually works

- 1 Open the Proxmox VE host shell.
- 2 Copy the current command from the official Community Scripts page.
- 3 Review the script source if the system matters to you.
- 4 Run the command as root.
- 5 Choose Default or Advanced settings when the script offers them.
- 6 Let the script create the LXC, VM or host configuration.
- 7 Open the new service and finish any application-specific setup.

Before you run a helper script

- ☐ Open the official script page before running the command.
- ☐ Review the source when the host or workload is important.
- ☐ Confirm the command is meant for the Proxmox VE host shell, not inside a container.
- ☐ Confirm your Proxmox version is supported and read the script page for warnings.
- ☐ Back up important workloads before system-level changes.
- ☐ Test unfamiliar automation away from production when practical.
- ☐ Do not reuse an old command just because it worked last year.

LXC or VM: which should the script create?

	LXC container	Virtual machine
Kernel	Shares the host Linux kernel	Own guest OS and kernel
Weight	Lighter, starts fast	Heavier, full isolation
Good for	Always-on Linux services, dashboards, media tools, DNS, databases, monitoring	Windows, other operating systems, VM-specific drivers, workloads that fight containers
Rule of thumb	Start here for straightforward Linux services	Use when LXC gets awkward or isolation and recovery matter more than resources

Popular scripts by job

Host care PVE Post Install, PVE Kernel Clean, PVE LXC Updater.	Containers Docker, Portainer.
Media Plex, Jellyfin, Immich, Sonarr, Radarr, Prowlarr, Seerr, qBittorrent.	Network and DNS Pi-hole, AdGuard Home, Nginx Proxy Manager, WireGuard, NetBird, Tailscale, RustDesk Server.
Monitoring Uptime Kuma, Grafana, Prometheus, InfluxDB.	Apps and data Vaultwarden, Nextcloud, PostgreSQL, Homepage, Node-RED, Home Assistant OS (VM).

Script not working? Match the symptom

Symptom	Likely cause	What to do
404 error	The source path moved (PVE Post Install moved from <code>misc/post-pve-install.sh</code> to <code>tools/pve/post-pve-install.sh</code>)	Do not guess the path. Search the official directory and copy the current command.
No useful output	Host cannot reach the source, or DNS fails	Run <code>curl -I https://community-scripts.org</code> , check DNS, confirm the raw script URL exists.
Wrong place	Command run inside a container instead of the host	Creation scripts run in the PVE host shell; only some addons run inside a guest.
Permission denied	Not root	Use a proper administrative workflow; do not bypass permission checks.
Unsupported version	Proxmox release outside the listed range	Check the script page notes, recent changes and open issues.
Guest created, app broken	Application problem, not infrastructure	Check the app's script page, upstream docs, the issue tracker and service logs inside the guest.

What happened to tteck's scripts?

- tteck created and maintained the original collection; after his passing in 2024 the community continued it under the Community Scripts organization.

- Tutorials that still point to the old repository or old directories can be obsolete even when they rank well.
- For current commands, start from the Community Scripts directory and the ProxmoxVE repository.

Sources and notes: [Community Scripts directory \(community-scripts.org\)](https://community-scripts.org) · [Community Scripts ProxmoxVE repository on GitHub](#)