

Proxmox VE

CPE Tech Talk

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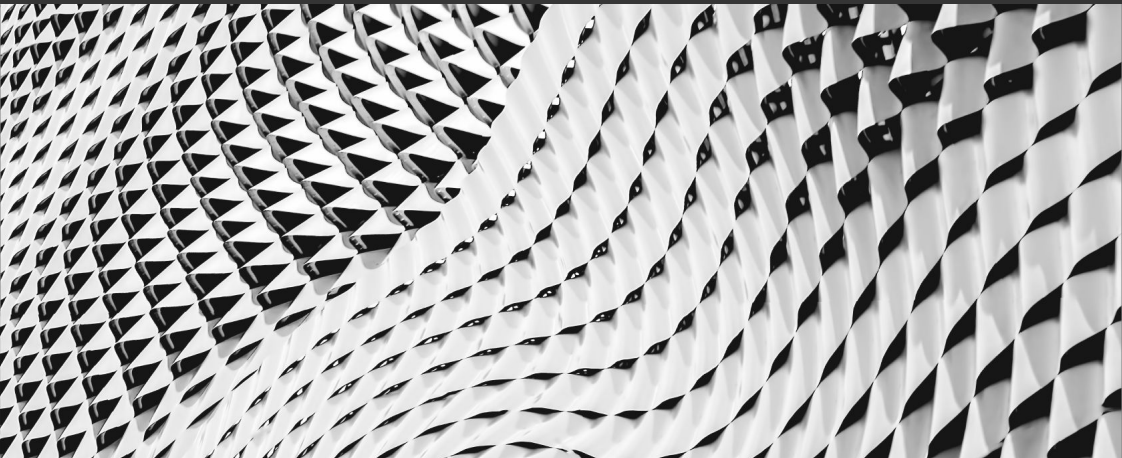
ASE, Objective Rep @ Fedora Council



Whatever on earth is this Proxmox VE thingy?



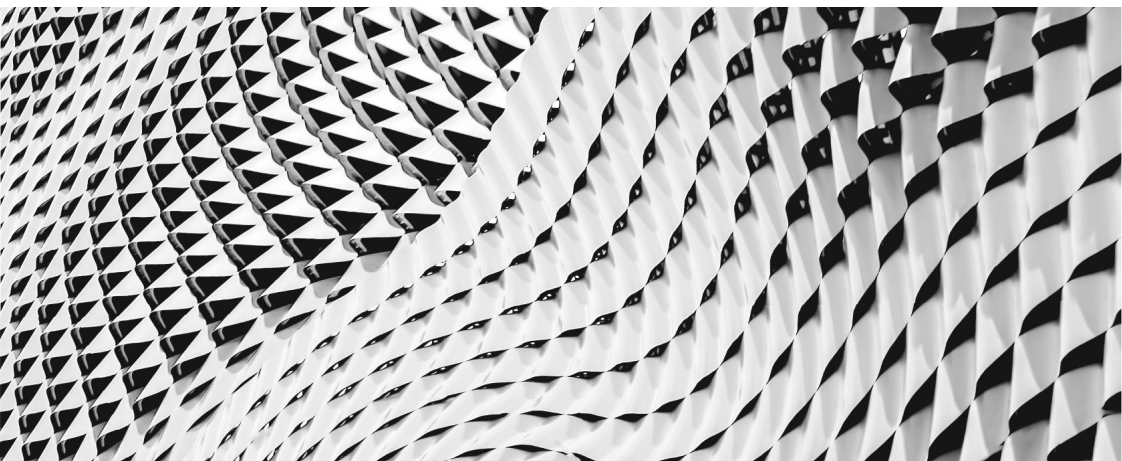
An Open-Source Virtualization Manager



- ▶ Debian-based GNU/Linux distribution
- ▶ Runs on a modified Ubuntu LTS kernel
- ▶ Supports KVM-based hardware virtualization
- ▶ Supports LXC-based container virtualization
- ▶ Has a cool web console, CLI tools and REST API

What is the origin story of Proxmox VE?

A trip down the memory lane

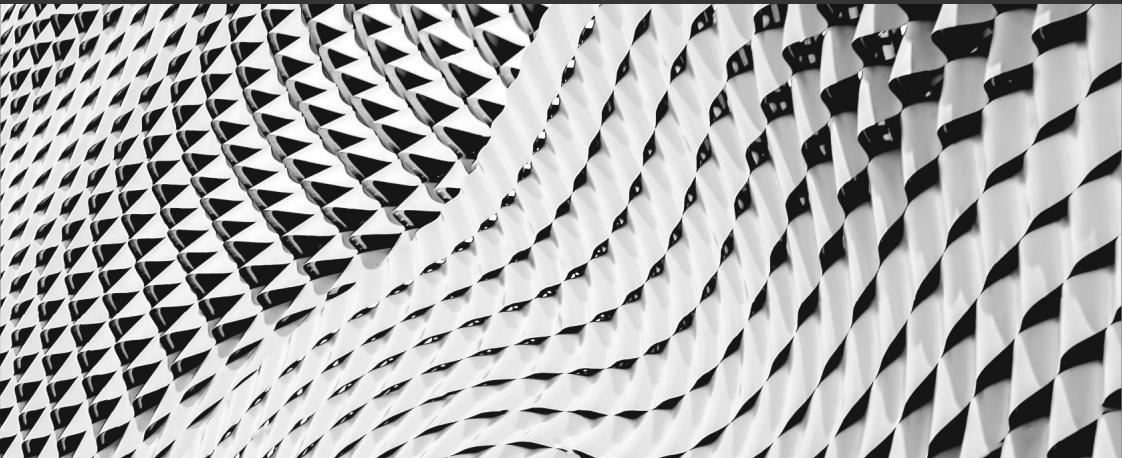


- ▶ Started as management tool for OpenVZ
- ▶ Added KVM support when came to kernel
- ▶ First public release came in April 2008
- ▶ Soon started providing training for their stack
- ▶ Licensed GNU Affero GPL version 3

Why should I care about what Proxmox VE has to offer?



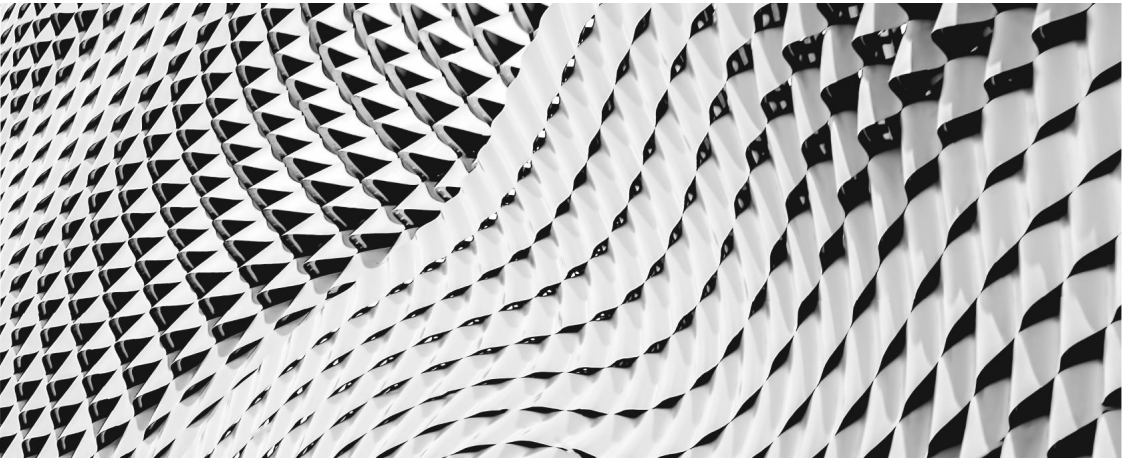
An exhaustive list of open features



- ▶ Supports multiple formats of local storage
- ▶ Configurable as cluster of multiple server nodes
- ▶ Live migration of virtual machines supported
- ▶ Pre-packaged virtual appliances are supported
- ▶ Backup with compression and authentication

How do they sustain Proxmox VE as a FOSS project?

An enterprise supported offering



CONFIDENTIAL designator

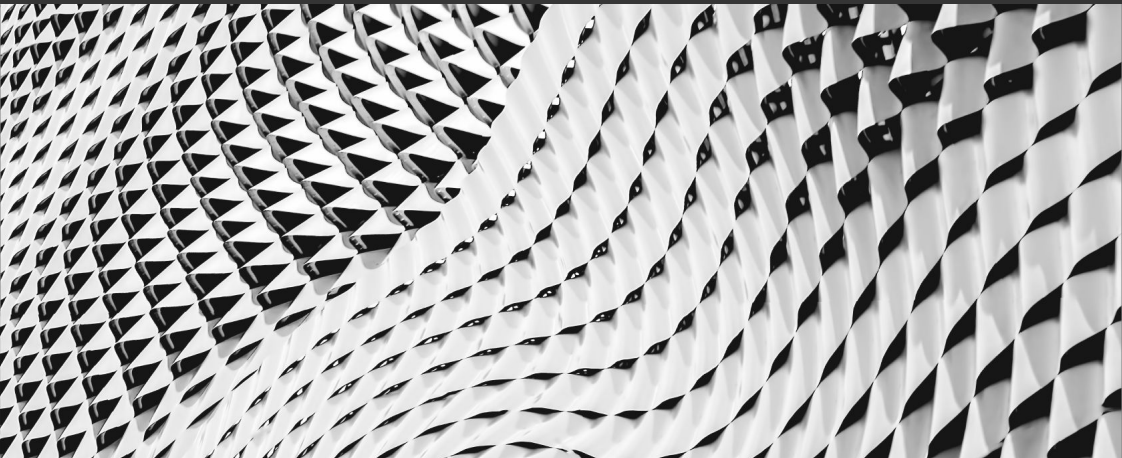


- ▶ Training for their stack offered to companies
- ▶ Selling subscription based customer support
- ▶ Some software exclusive to enterprise customers
- ▶ Variable delay in support responses based on tier
- ▶ Came offerings like Backup and Mail gateway

How difficult or
interesting or easy is
setting Proxmox VE up?



Setting it up as easy as 1, 2, 3, (4, 5)...



- ▶ Live ISO is available on <https://proxmox.com>
- ▶ Takes up the entire hard drive for the system
- ▶ Needs another storage for disk images etc.
- ▶ Wired connection is highly recommended
- ▶ Will not update until you purchase subscription

Let us watch it in action, shall we?


ACTION
ACTION
ACTION
ACTION

Thank you

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