

Proxmox

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AdGuard LXC Container

AdGuard Home im Proxmox LXC Container verwendet, um ihm eine eigene IP geben zu koennen.

AdBlocker Werbeblocker

<https://github.com/AdguardTeam/AdGuardHome#getting-started>

Lxc Container mit Ubuntu als Basis erstellt

Linux Commando:

```
curl -s -S -L  
https://raw.githubusercontent.com/AdguardTeam/AdGuardHome/master/scripts/install.sh | sh -s --  
-v
```

Proxmox LXC Network Config:

[image.png](#)

Proxmox LXC > Options > Start at boot > Yes

SMB/CIFS als Storage hinzufügen

auf PVE Host:

```
nano /etc/pve/storage.cfg
```

```

dir: local
    path /var/lib/vz
    content vztmpl,backup,iso
    prune-backups keep-daily=1,keep-last=2,keep-weekly=1
    shared 0

zfspool: local-zfs
    pool rpool/data
    content images,rootdir
    sparse 1

cifs: HOSENAS
    path /mnt/pve/HOSENAS
    server 192.168.1.10
    share NAS
    content snippets
    prune-backups keep-all=1
    username Eike

dir: HOSENAS_Backups
    path /mnt/pve/HOSENAS/P_Proxmox
    content backup
    prune-backups keep-daily=1,keep-last=2,keep-weekly=1
    shared 0

pbs: pbs-wpd-truenas
    datastore truenas
    server w[REDACTED]de
    content backup
    fingerprint 73:c0:6e:1c:5b:41:6d:46:47:19:fa:5e:1b:94:0c:af:a5:df:16:c0:
    prune-backups keep-all=1
    username root@pam

```

```

dir: local
    path /var/lib/vz
    content vztmpl,backup,iso
    prune-backups keep-daily=1,keep-last=2,keep-weekly=1
    shared 0

zfspool: local-zfs
    pool rpool/data

```

```

        content images,rootdir
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cifs: HOSENAS
    path /mnt/pve/HOSENAS
    server 192.168.1.10
    share NAS
    content snippets
    prune-backups keep-all=1
    username Eike

dir: HOSENAS_Backups
    path /mnt/pve/HOSENAS/P_Proxmox
    content backup
    prune-backups keep-daily=1,keep-last=2,keep-weekly=1
    shared 0

pbs: pbs-wpd-truenas
    datastore truenas
    server <cloud.yourdomain.de>
    content backup
    fingerprint
73:c0:6e:1c:5b:41:6d:46:47:19:fa:5e:1b:94:0c:af:a5:df:16:c0:e8:73:c8:57:c0:cf:ec:4f:b9:1e:f6:4
9
    prune-backups keep-all=1
    username root@pam

```

Passwörter in seperater Datei unter /etc/pve/priv/storage/STORAGE-ID.pw

siehe https://pve.proxmox.com/wiki/Storage:_CIFS

[image.png](#)

Proxmox VE Helper Scripts

<https://tteck.github.io/Proxmox/>

zb um Home Assistant mit einem Kommando als VM zu installieren:

```
bash -c "$(wget -qLO - https://github.com/tteck/Proxmox/raw/main/vm/haos-vm.sh)"
```

Proxmox VE Tools ▶
Home Assistant ▼
Home Assistant OS VM



Home Assistant OS VM

Option to create VM using Stable, Beta or Dev Image

This script automates the process of creating a Virtual Machine (VM) using the official KVM (qcow2) disk image provided by the Home Assistant Team. It involves finding, downloading, and extracting the image, defining user-defined settings, importing and attaching the disk, setting the boot order, and starting the VM. It supports various storage types, and does not involve any hidden installations.

To create a new Proxmox VE Home Assistant OS VM, run the command below in the **Proxmox VE Shell**.

Copy

```
bash -c "$(wget -qLO - https://github.com/tteck/Proxmox/raw/main/vm/haos-vm.sh)"
```

⚡ Default Settings: 4GB RAM - 32GB Storage - 2vCPU - Stable Image ⚡

ⓘ The disk must have a minimum size of 32GB and its size cannot be changed during the creation of the VM.

After the script completes, click on the VM, then on the *Summary* tab to find the VM IP.

Home Assistant Interface: IP:8123

PiMox HAOS VM
Home Assistant Container LXC

ERROR: Update package database

TASK ERROR: command 'apt-get update' failed: exit code 100

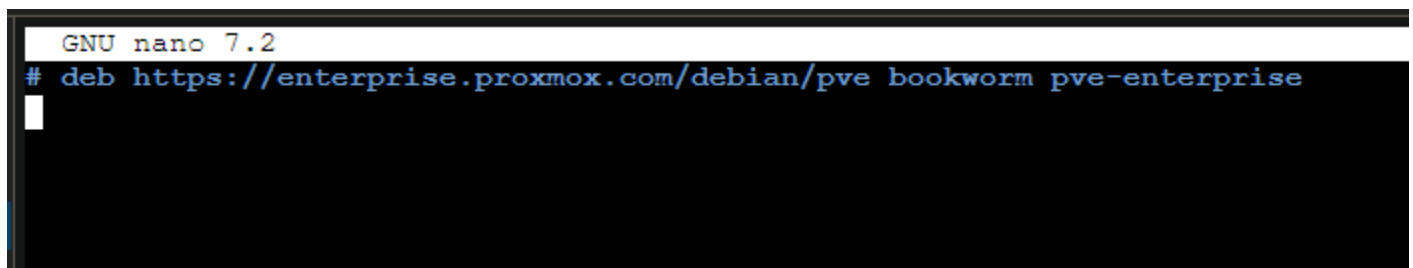
Auf dem Proxmox Host folgende Dateien bearbeiten:

```
nano /etc/apt/sources.list.d/pve-enterprise.list
```

```
nano /etc/apt/sources.list.d/ceph.list
```

Außerdem auch in alle anderen Dateien im /etc/apt/ Ordner schauen, ob noch irgendwo weitere pve-enterprise Einträge sind!

Zeile mit Enterprise.proxmox auskommentieren:

A screenshot of a terminal window showing the GNU nano 7.2 text editor. The editor is open to a file with a single line of text: `# deb https://enterprise.proxmox.com/debian/pve bookworm pve-enterprise`. The line is highlighted in blue. A white cursor is positioned at the end of the line. The background of the terminal is black.

```
GNU nano 7.2
# deb https://enterprise.proxmox.com/debian/pve bookworm pve-enterprise
```

speichern. Danach sollte unter Proxmox > pve host > Updates > Refresh wieder funktionieren:

PROXMOX Virtual Environment 8.0.3

Search

Server View

Datacenter

pve

100 (haos11.1)

101 (ubuntu-docker)

localnetwork (pve)

local (pve)

local-zfs (pve)

Node 'pve'

Search

Summary

Notes

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Disks

LVM

LVM-Thin

Directory

Refresh

Upgrade

Changelog

Package ↑	Version		Description
	current	new	
Origin: Debian (65 Items)			
base-files	12.4	12.4+deb1...	Debian base system miscellan
bind9-dnsutils			
bind9-host			
bind9-libs			
curl			
dbus			
dbus-bin			
dbus-daemon			
dbus-session-b			
dbus-system-bu			
debian-archive-			
debianutils			
grub-common			
grub-efi-amd64			
grub-pc			
grub-pc-bin			
grub2-common			

Task viewer: Update package database

Output

Status

starting apt-get update

Hit:1 http://ftp.de.debian.org/debian bookworm InRelease

Hit:2 http://security.debian.org bookworm-security InRelease

Hit:3 http://ftp.de.debian.org/debian bookworm-updates InRelease

Reading package lists...

TASK OK

Warum hat meine VM gestoppt?

im Proxmox Host folgenden Befehl:

```
journalctl -b 0 -p err
```

oder wenn hier etwas ausgegeben wird, ist es ein out of memory (oom) gewesen:

```
cat /var/log/syslog | grep oom
```

<https://forum.proxmox.com/threads/vm-just-stops-dont-know-the-reason.117340/>

Login failed. Please try again / nightly Backup fail

<https://www.servethehome.com/fix-proxmox-ve-login-failed-please-try-again-on-failing-cluster/>

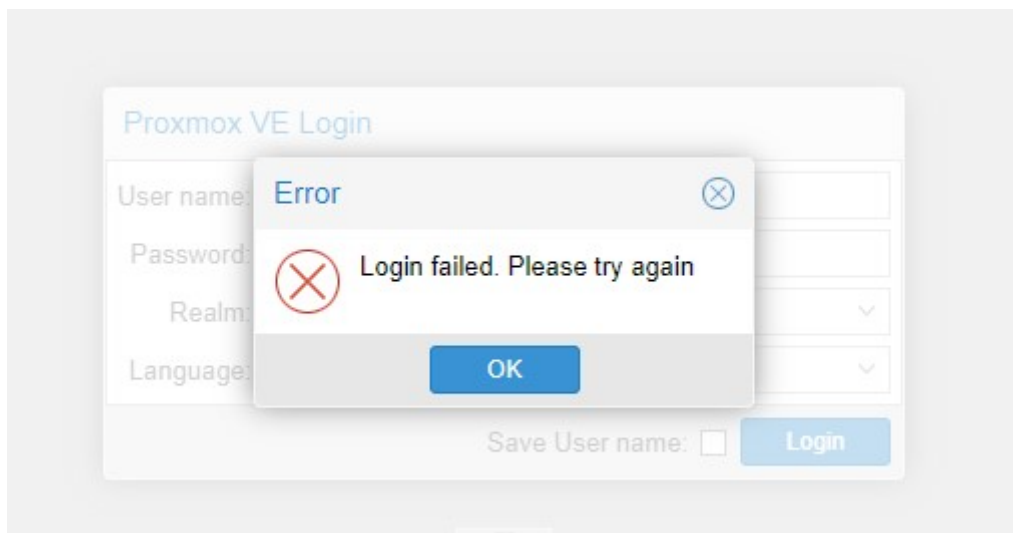
<https://forum.proxmox.com/threads/access-to-web-interface-not-working.136331/>

<https://forum.proxmox.com/threads/unable-to-open-file-etc-pve-nodes-xxx-qemu-server-202-conf-tmp-4147698-input-output-error.137241/>

https://www.reddit.com/r/Proxmox/comments/13911pr/nightly_backups_are_killing_one_of_my_machines_now/

<https://forum.proxmox.com/threads/input-output-error.116912/>

<https://forum.proxmox.com/threads/cant-login-via-web-gui-ssh-works.93560/> (LÖSUNG AUS DIESEM LINK)



das hat bei mir geholfen, nachdem sich beim täglichen Backup eine VM aufgehängt hat und ich mich danach nicht mehr auf der Web-UI einloggen konnte:

(auf dem Proxmox Host)

```
systemctl stop pve-cluster  
rm -f /var/lib/pve-cluster/.pmxcfs.lockfile
```

```
systemctl start pve-cluster
```

evtl auch volle Festplatte. Prüfen mit `df -h`

Fehlerlog beim Backup:

```
ERROR: Backup of VM 109 failed - unable to open file  
'/etc/pve/nodes/proxmox/lxc/109.conf.tmp.3820825' - Input/output error
```

ausführlich:

```
INFO: 88% (56.8 GiB of 64.0 GiB) in 5m 42s, read: 2.1 GiB/s, write: 0 B/s  
INFO: 100% (64.0 GiB of 64.0 GiB) in 5m 45s, read: 2.4 GiB/s, write: 2.7 KiB/s  
INFO: backup is sparse: 17.55 GiB (27%) total zero data  
INFO: transferred 64.00 GiB in 345 seconds (190.0 MiB/s)  
INFO: archive file size: 18.27GB  
INFO: prune older backups with retention: keep-daily=1, keep-last=1, keep-monthly=1, keep-weekly=1  
INFO: removing backup 'local:backup/vzdump-qemu-101-2024_02_28-04_35_19.vma.zst'  
INFO: pruned 1 backup(s) not covered by keep-retention policy  
INFO: Finished Backup of VM 101 (00:05:45)  
INFO: Backup finished at 2024-03-01 04:40:49  
INFO: filesystem type on dumpdir is 'zfs' -using /var/tmp/vzdumtmp3820825_102 for temporary files  
INFO: Starting Backup of VM 102 (lxc)  
INFO: Backup started at 2024-03-01 04:40:49  
INFO: status = running  
INFO: CT Name: InvoiceNinja  
INFO: including mount point rootfs ('/') in backup  
INFO: backup mode: snapshot  
INFO: ionice priority: 7  
INFO: create storage snapshot 'vzdump'  
INFO: creating vzdump archive '/var/lib/vz/dump/vzdump-lxc-102-2024_03_01-04_40_49.tar.zst'  
INFO: Total bytes written: 16449136640 (16GiB, 123MiB/s)  
INFO: archive file size: 8.48GB  
INFO: prune older backups with retention: keep-daily=1, keep-last=1, keep-monthly=1, keep-weekly=1  
INFO: removing backup 'local:backup/vzdump-lxc-102-2024_02_28-04_41_03.tar.zst'  
INFO: pruned 1 backup(s) not covered by keep-retention policy  
INFO: cleanup temporary 'vzdump' snapshot  
INFO: Finished Backup of VM 102 (00:02:13)  
INFO: Backup finished at 2024-03-01 04:43:02
```

INFO: Starting Backup of VM 103 (qemu)
INFO: Backup started at 2024-03-01 04:43:02
INFO: status = running
INFO: VM Name: haos
INFO: include disk 'scsi0' 'local-zfs:vm-103-disk-1' 32G
INFO: include disk 'efidisk0' 'local-zfs:vm-103-disk-0' 1M
INFO: backup mode: snapshot
INFO: ionice priority: 7
INFO: creating vmdump archive '/var/lib/vz/dump/vmdump-qemu-103-2024_03_01-04_43_02.vma.zst'
INFO: issuing guest-agent 'fs-freeze' command
INFO: issuing guest-agent 'fs-thaw' command
INFO: started backup task 'ea3a80eb-5815-410f-9876-1f91b6668749'
INFO: resuming VM again
INFO: 2% (851.9 MiB of 32.0 GiB) in 3s, read: 284.0 MiB/s, write: 209.0 MiB/s
.....
INFO: 89% (28.6 GiB of 32.0 GiB) in 3m 49s, read: 25.4 MiB/s, write: 25.4 MiB/s
ERROR: vma_queue_write: write error - Broken pipe
INFO: aborting backup job
INFO: resuming VM again
unable to delete old temp file: Input/output error
ERROR: Backup of VM 103 failed - vma_queue_write: write error - Broken pipe
INFO: Failed at 2024-03-01 04:47:02
INFO: filesystem type on dumpdir is 'zfs' -using /var/tmp/vmdumptmp3820825_104 for temporary files
INFO: Starting Backup of VM 104 (lxc)
INFO: Backup started at 2024-03-01 04:47:02
INFO: status = running
ERROR: Backup of VM 104 failed - unable to open file
'/etc/pve/nodes/proxmox/lxc/104.conf.tmp.3820825' - Input/output error
INFO: Failed at 2024-03-01 04:47:02
INFO: Starting Backup of VM 106 (qemu)
INFO: Backup started at 2024-03-01 04:47:02
INFO: status = running
ERROR: Backup of VM 106 failed - unable to open file '/etc/pve/nodes/proxmox/qemu-server/106.conf.tmp.3820825' - Input/output error
INFO: Failed at 2024-03-01 04:47:02
INFO: Starting Backup of VM 107 (qemu)
INFO: Backup started at 2024-03-01 04:47:02
INFO: status = stopped
ERROR: Backup of VM 107 failed - unable to open file '/etc/pve/nodes/proxmox/qemu-

```
server/107.conf.tmp.3820825' - Input/output error
INFO: Failed at 2024-03-01 04:47:02
INFO: filesystem type on dumpdir is 'zfs' -using /var/tmp/vzdumptmp3820825_108 for temporary
files
INFO: Starting Backup of VM 108 (lxc)
INFO: Backup started at 2024-03-01 04:47:02
INFO: status = stopped
ERROR: Backup of VM 108 failed - unable to open file
'/etc/pve/nodes/proxmox/lxc/108.conf.tmp.3820825' - Input/output error
INFO: Failed at 2024-03-01 04:47:02
INFO: filesystem type on dumpdir is 'zfs' -using /var/tmp/vzdumptmp3820825_109 for temporary
files
INFO: Starting Backup of VM 109 (lxc)
INFO: Backup started at 2024-03-01 04:47:02
INFO: status = stopped
ERROR: Backup of VM 109 failed - unable to open file
'/etc/pve/nodes/proxmox/lxc/109.conf.tmp.3820825' - Input/output error
INFO: Failed at 2024-03-01 04:47:02
INFO: Backup job finished with errors
TASK ERROR: job errors
```

W10 VM download & deploy

Windows 10 ansible winrm proxmox

<https://gist.github.com/fguisso/08428cb4793be7442e3c209b00caf59d>

```
#!/bin/bash

# Specify the Windows 10 ISO to download
WIN10_ISO_URL="https://software-download.microsoft.com/download/pr/19043.1165.210529-1541.co_release_CLIENT_CONSUMER_x64FRE_en-us.iso"

# Download the Windows 10 ISO
wget -O /var/lib/vz/template/iso/Windows10.iso $WIN10_ISO_URL

# Create a new VM in Proxmox
qm create 9000 --name Windows10 --memory 4096 --cpu host --net0 virtio,bridge=vmbro0

# Add a SATA hard drive to the VM
qm set 9000 --scsihw virtio-scsi-pci --scsi0 /var/lib/vz/images/9000/vm-9000-disk-0.qcow2,ssd=1,size=100G

# Attach the Windows 10 ISO to the VM's CD/DVD drive
qm set 9000 --ide2 /var/lib/vz/template/iso/Windows10.iso,media=cdrom

# Set the VM to use the "kvm64" CPU type
qm set 9000 --cpu kvm64

# Enable the QXL display driver for improved performance
qm set 9000 --vga qxl

# Add a Spice console to the VM for remote desktop access
qm set 9000 --spicehw virtio-vga --spiceport 5900 --password mypassword

# Set the SMBIOS UUID to a unique value for each VM
qm set 9000 --smbios1 uuid=$(uuidgen)

# Start the VM
```

```
qm start 9000
```

oder <https://gist.github.com/fguisso/08428cb4793be7442e3c209b00caf59d>

```
#!/bin/bash

# Specify the Windows 10 ISO to download
WIN10_ISO_URL="https://software-download.microsoft.com/download/pr/19043.1165.210529-1541.co_release_CLIENT_CONSUMER_x64FRE_en-us.iso"

# Download the Windows 10 ISO
wget -O /var/lib/vz/template/iso/Windows10.iso $WIN10_ISO_URL

# Create a new VM in Proxmox
```

can't lock file

trying to acquire lock...

TASK ERROR: can't lock file '/var/lock/qemu-server/lock-101.conf' - got timeout

```
qm unlock 103
```

input/output error

unable to open file '/etc/pve/nodes/nuc-02/qemu-server/101.conf.tmp.479915' - Input/output error

Speicher voll, Backups löschen und PVE neustarten zb