

# Deploy VM use Cloud Init Templates in Proxmox VE

```
#!/bin/bash

# Set the VM ID to operate on
VMID=900

# Set a variable for our new VM ID
NEW_VMID=500
NEW_VM_NAME=env-debian12
qm clone $VMID $NEW_VMID --name $NEW_VM_NAME --full --pool Test

# Show Current configs
qm config $NEW_VMID

# Allocate 2GB of RAM
qm set $NEW_VMID --memory 2048
# Allocate 2 vCPU Cores
qm set $NEW_VMID --cores 2
# Resize bootdisk
## Get bootdisk interface
NEW_VM_BOOTDISK_INTERFACE=$(qm config $NEW_VMID | grep bootdisk | awk
'{print $2}')
## Resize bootdisk to 30GB
qm disk resize $NEW_VMID $NEW_VM_BOOTDISK_INTERFACE 30G

# Set Network config
## Static
qm set $NEW_VMID --ipconfig0 ip=10.6.6.250/24,gw=10.6.6.1
## DHCP
# qm set $NEW_VMID --ipconfig0 ip=dhcp

# Set Nameserver und Domain
qm set $NEW_VMID --nameserver 10.6.6.1
qm set $NEW_VMID --searchdomain tuxnet.lan

# Set Username
qm set $NEW_VMID --ciuser ansible

# Setup public SSH keys (one key per line, OpenSSH format).
qm set $NEW_VMID --sshkeys ~/vm_sshkeys/keylist

# First Start to run Ansible Playbooks
qm start $NEW_VMID
```

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