Cloud Init setup guide Create disk qm create 5000 --memory 8096 --core 8 --name ubuntu-cloud --net0 virtio,bridge=vmbr0 cd into directory bellow cd /var/lib/vz/template/iso/ import disk using previously downloaded cloud image qm importdisk 5000 "insert name of cloud image here"" (example)lunar-server-cloudimg-amd64disk-kvm.img Ceph-Fast create disk settings from imported vm bellow qm set 5000 --scsihw virtio-scsi-pci --scsi0 < Ceph-Fast>:5000/vm-5000-disk-0.raw setup cloud init drive qm set 5000 -- scsi <Ceph-Fast>:cloudinit make disk bootable

qm set 5000 --boot c --bootdisk scsi0

NOTE run this command to make vm bootable by proxmox console

qm set 5000 --serial0 socket --vga serial0

Once the above steps have been completed do the following

NOTE

DO NOT START VM once it is created

Right click on the vm id 5000 you have created and hit convert to template

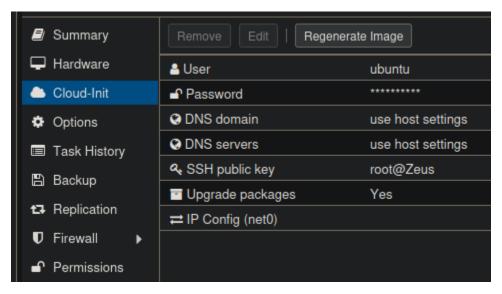
Cloud init settings for each vm

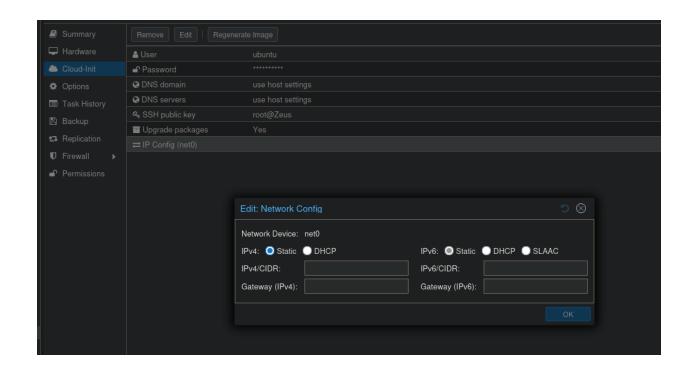
username: use unbuntu/root ONLY

Password: enter pw here

Network settings make sure each vm has a static ip address assignment

<u>Ssh key</u>: enter key from proxmox host

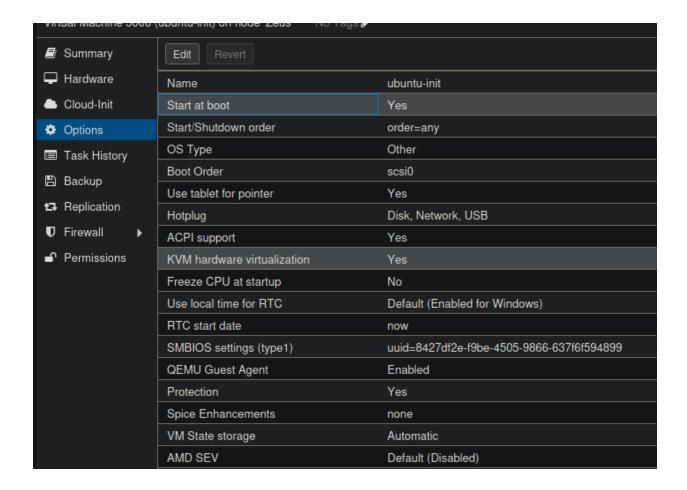




<u>Under vm options</u>

Enable qemu-guest agent

Enable start at bootup

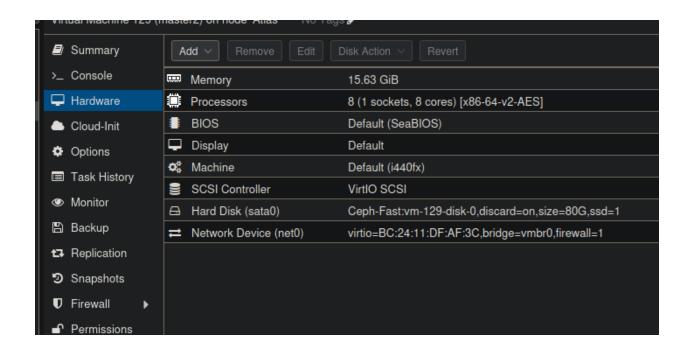


NOTE if this is a worker node change following settings

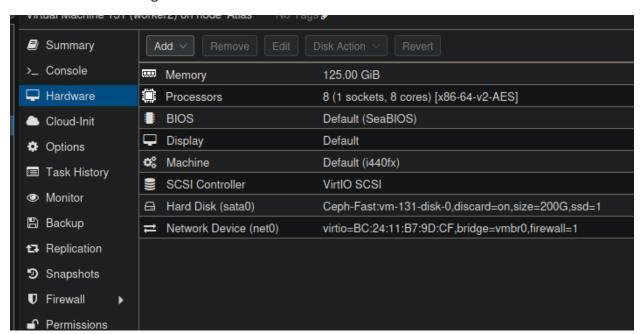
ram settings from 8gigs to 128gigs

hdd from 80gigs to 200gigs

Master node vm hardware settings



Worker node vm settings



VM Layout per Proxmox Node In Cluster

NOTE Beast node is not used (dell optiplex 7080 mini)

NODE 1 (Atlas)

4x 1tb osd array

Proxmox Storage Name Ceph-Fast

vms

Master 1 control plane 8 core /16gig ram/80gb hdd static ip (192.168.2.x)

Worker1 worker node 8 core 128gigs ram 200gb hdd static ip (192.168.2.x)

Node 2 (Goliath)

4x 1tb osd array

Proxmox Storage Name Ceph-Fast

vms

Master 2 control plane 8 core /16gig ram/80gb hdd static ip (192.168.2.x)

Worker2 worker node 8 core 128gigs ram 200gb hdd static ip (192.168.2.x)

Node 3 (Zeus)

4x 1tb osd array

Proxmox Storage Name Ceph-Fast

Vms

Master3 control plane 3 8 core /16gig ram/80gb hdd static ip (192.168.2.x)

Worker3 worker node 8 core 128 gigs ram 200 gb hdd static ip (192.168.2.x)

Node 4 (Titan)

4x 1tb osd array

Proxmox Storage Name Ceph-Fast

Vms

Master4 control plane4 8 core /16gig ram/80gb hdd static ip (192.168.2.x)

Worker4 worker node 8 core 128 gigs ram 200 gb hdd static ip (192.168.2.x