**+++VMware vSphere cloud provider prerequisites**

1)VMware Tools on each Node VM

2)VM Names cannot(This we can manage)

\* Begin with numbers.

\* Have any capital letters.

\* Have any special characters except

\* Be shorter than characters and longer than 63 characters.

3) Set the disk.EnableUUID parameter to true for each Node VM. This ensures the VMware vSphere’s Virtual Machine Disk (VMDK) always present a consistent UUID to the VM, allowing the disk to be mounted properly.

4) Navigate to VM properties → VM Options → Advanced → Configuration Parameters → disk.enableUUID=TRUE

5) Set up the GOVC environment:

curl -LO https://github.com/vmware/govmomi/releases/download/v0.15.0/govc\_linux\_amd64.gz

gunzip govc\_linux\_amd64.gz

chmod +x govc\_linux\_amd64

cp govc\_linux\_amd64 /usr/bin/govc

export GOVC\_URL='vCenter IP OR FQDN'

export GOVC\_USERNAME='vCenter User'

export GOVC\_PASSWORD='vCenter Password'

export GOVC\_INSECURE=1

Above steps need on all vm’s

**Below details also need from vm**

/etc/origin/cloudprovider/vsphere.conf

[Global]

user = "myusername"

password = "mypassword"

port = "443"

insecure-flag = "1"

datacenters = "mydatacenter"

[VirtualCenter "10.10.0.2"]

user = "myvCenterusername"

password = "password"

[Workspace]

server = "10.10.0.2"

datacenter = "mydatacenter"

folder = "path/to/vms"

default-datastore = "shared-datastore"

resourcepool-path = "myresourcepoolpath"

[Disk]

scsicontrollertype = pvscsi

[Network]

public-network = "VM Network

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