```
Gluster PS Practical
10 10 10
     node 1 - 14B Ram; 20 GBT 20 GB, NAT )
    node 2 - 1 GB Ram, 20 GB + 20 GB, NAT
6
    note 3 - 168 Rum, 20 GB 1 20 GB, NAT
6
    node H - 1 GB Rom. 20 GB, - NAT - Client
4
6
10 10
    on mode 1
3
    # vi /etc/hosts
3
      4 192.168. 44.132 node1. hpcsa.in
3
           192-168. HM-133 node 2. hpcsa.in
5
           198-168. HH.134 node 3. hpcsa.in
j
           148.168. 44.135 Aut dient. hpcsq. in
7
3
    # osync /etc/hosts root@ 192.168.44.1.33:/etc/hosts
     # rsync letchosts root@ 192.168.44.134: letchosty
3
    # rsync /etc/ hosts noot@ 192.162.44.135:/ctc/hosts.
-
-
-3
    Turn of firewall of all maching
-3
-5
    # system cH stop firewall diservice
-
    # systemett disable threwalld. sorvice.
-
-
-3
    on Wode 1,2,3
# Idisk /dev/ 6db
=3
   # mkfs.ext4 /dev/5db1
13
```

1

mkdir /mnt/diskl # mount /dev/sdb1 /mnt/diskl

ISDIK -> check disks is mounted on solds

yum Install wget centos-releage-gluster epel-release
gluster (5-server.

systemed start glustered # systemed startus glustered # systemed startus glustered

gluster peer probe nodes. hpcsq. In

gluster peer probe node3. hpcsq.in

gluster pool list

gluster peer status.

Mkdir /mnt/ diskil diskvoil -> Pun thism on all node

gluster volume create gdisk1 replica 3 node1. hpcsq.in:/mnt/disk1/diskvol/gdisk1 Node2. hpcsq.in:/mnt/disk1/diskvol/gdisk1 Node3. hpcsq.in:/mnt/disk1/diskvol/gdisk1

gluster volume start golsk1

gluster volume into galsk1. Letype is pepication

on client # yum install glustorfs tuse # Mbdio /mnt/gdrive st mount -t glusterts node1. hpcsain: /gdisk1/mnt/gdoine ##-7 # IsbIK-# cd/mn+/odrive/ # de it = /dev/zero of=file.tpt bs = 1024 count= -620040 1236778675 File tet file is executed with size & GB, Now you can see same file. tet in all 3 nodes in path /mnt/disk1/diskvol/gdisk4/ Distoibuted On Node 1 # glyter volume create garsk2 node 1. hpcsa.in : /mnt/disk1/diskvol/gdisk2 note2. hpcsa.in: /mnt/disk1/diskvol/gdisk2 node3. hpcsa:in: /mn+/disk1/diskvol/gdisk2 # gluster volume start gdiske # gluster volume into galsko Le Type is Distributed

CS CamScanner

On dient

井中かけート

cd /mnt/gdoive 2

dd it=/drev/zero ot= tile1. tot bs=1024 count=1024

Make more 4 files using same command

Hence you have 5 Files, Now all your 5 files are distributed in all 3 nodes randomly, you can check it in node! marchines path

"/mut/disk1/diskvol/gdisk2/"

D'isperse

on node 1

gluster volume create glisks disperse 3
vedundancy 1 node1. hpcsq.in:/mn+/disk1/diskvol/
glisk3 node2. hpcsq.in:/mn+/disk1/diskvol/
glisk3 node3. hpcsq.in:/mn+/disk1/diskvol/
glisk3

gluster volume start gdisk3
gluster volume Into gdisk3
Latype is Disperse

on client

Mtdir /mnt/gdrive3
mount -t glusterfs hodes.hpcsa.in:/gdisk3

Espaces /mnt/gdrive3
df-h
cd /mnt/gdrive3
dd it = /der/zero of= file.tot bo= 1024 (044) = 1024
2000000

La 2 GB File.tot is created

In 2 Nodes tile in will be stored in disperse mode & in remaining rode parity of tile will be store.