* 1. **\*\*Split/Copy From Existing Site - Existing DB will be Copied\*\***

Here we will follow the procedure when it is required to split a present dfm sever to two or many dfm server to balance the load (split) or creating a secondary (passive dfm server) (copy)

The new dfm server should be preinstalled till Step 9 (along with the required options (step 10.1.1), per storage implementation master doc .

Step 1 : Take a fresh backup on the DFM server you want to make a copy or split , we have daily backup on dfm servers so we can chose the nightly backup without taking a new backup

I hope two options missed on step 10.1.1

dfm database get

Option Value

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dbDir /dfm/dfminst/data/

dbLogDir /dfm/dfminst/data/

We have to set it if not set

dfm database set dbDir= /dfm/dfminst/data/

dfm database set dbLogDir=/dfm/dfminst/data/

**Backup location :** /dfm/dfminst/data/backup

**Sample Backup** : dfm\_backup\_2012-04-13\_22-15-15.ndb

**On primary dfm server :**

a) Take a backup :

dfm backup create /dfm/dfminst/data/backup/ dfm\_backup\_2012-04-14.ndb

wait for it to complete

b) verify that backup file is created , note the backup file name

On new dfm server :

1. Mount /dfm/dfminst if not mounted ( every server has its own volume (check step 1(mount point)
2. Stop services other than sql if started
3. Mount primary servers volume in temporary location

mount prod-corp-e0041.int.westgroup.com:/vol/infra\_dfm\_e\_snap/backup /tmp/dfm

1. Restore the previously taken backup

dfm backup restore /tmp/dfm/ dfm\_backup\_2012-04-14.ndb

wait for it to complete

1. Copy /etc/crontab file and /dfm/dfminst/conf/dfmserver.conf to the new dfm server

Now we can have copy of the primary DFM server ..

1. **If you need a split ::::**

Determine host to be monitored by this dfm server , delete the all other host entries

dfm host delete <controller names)

same way delete the hosts that have to be monitored by this dfm server in primary dfm server

A controller should be monitored by only one dfm server

Start all the services

# dfm service start

1. IF you need a copy (standby instance)

Donot delete any hosts and stop all the service .

dfm service stop -k