

Important note:- Please keep in mind that, while master-node failing, all the running VMs

To simulate master node failure, manually we can simply down the interface

```
-----  
-----  
ifconfig eth0:0 down  
-----  
-----
```

After failure of master node,we will take shadow-master to work as master-node

On Shadow Master:

```
-----  
-----  
ifconfig bridge0:0 192.168.108.254 netmask 255.255.255.0  
-----  
-----
```

Now change the personality from “shadow” to “master” on line 283. To do that;

```
-----  
-----  
vim /etc/mfs/mfsmaster.cfg  
-----  
-----
```

```
PERSONALITY= master
```

Restart the master & cgiserv service

/etc/init.d/lizardfs-master restart

/etc/init.d/lizardfs-cgiserv restart

Now check lizardfs GUI <http://192.168.108.254:9425>

NOW WHEN MASTER NODE COMEBACK!

Important note:- Please keep in mind that, while master-node failing, all the running VMs may freeze for the time being & all chunk-server may need to restart their service.

We have to configure previous master-server as shadow-master to re-sync cluster information from current-master and then migrate personality & master-service.

On Original Master: Change personality from master to shadow;

vim /etc/mfs/mfsmaster.cfg

PERSONALITY= shadow

```
/etc/init.d/lizardfs-master restart
```

Now Original master will sync from the Shadow Master (Current Master) with updated data.

To check the status go to LizardFS GUI <http://192.168.108.254:9425>

After completion of data syncing,

On Shadow Master :

Change the personality from master to shadow on current master:

```
vim /etc/mfs/mfsmaster.cfg
```

```
PERSONALITY= shadow
```

```
/etc/init.d/lizardfs-master restart
```

Now shutdown the alias interface of current master (shadow) node

```
ifconfig bridge0:0 down
```

Now finally,

On Original Master: Change personality from shadow to master:

```
-----  
-----  
vim /etc/mfs/mfsmaster.cfg  
-----  
-----
```

```
PERSONALITY= master
```

Now set the master-IP on and alias interface

```
-----  
-----  
ifconfig eth0:0 192.168.108.254 netmask 255.255.255.0  
-----  
-----
```

Now restart the services;

```
-----  
-----  
/etc/init.d/lizardfs-master restart  
/etc/init.d/lizardfs-cgiserv restart  
-----  
-----
```

To check the status, go to LizardFS GUI <http://192.168.108.254:9425>