= LizardFS Restoring Original Master Server =

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Important note:- Please keep in mind that, while metadata-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 Previous Master: Change personality from master to shadow;

```
vim /etc/lizardfs/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://192.168.108.10:9425

After completion of data syncing,

On Current Master: Change the personality from **master** to **shadow** on current master:

```
vim /etc/lizardfs/mfsmaster.cfg
PERSONALITY= shadow

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

Now shutdown the alias interface of **current master** node

```
ifconfig bridge0:0 down
```

Now finally,
On Previous Master: Change personality from **shadow** to **master**:

```
vim /etc/lizardfs/mfsmaster.cfg
PERSONALITY= master
```

Now set the master-IP on and alias interface

```
ifconfig eth0:0 192.168.108.10 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://192.168.108.10:9425

Optional Lab Test for participant:-
Task: Create shell-script to recover previous master (original master) from current-master (shadow-master).