Configuring database cluster

Once the database replica is setup, it's important to guarantee transactionality rules. To achive it, one database instance must be acting as the master and other as the slave.

Using corosync and pacemaker, you can configure a floating IP address that will mark which one is the active one at each moment.

Node 1	Node 2
Install Corosync and Pacemaker. It is recommended to use apt or yum because these programs will handle dependencies for you, making the process much easier.	Install Corosync and Pacemaker.
Cluster nodes need a key in order to authenticate the packages sent between them by corosync. sudo corosync-keygen Once the key has been generated, copy it to the other nodes: sudo scp /etc/corosync/authkey <user>@<other-cluster-node>:/home/<user></user></other-cluster-node></user>	
	Once the key has been copied, move the copied key from the /home/ <user> route to /etc/corosync/authkey</user>
Now we need to tell Corosync which IP to use to communicate with other nodes in the cluster. Open /etc/corosync/corosync.conf and edit the bindnetaddr field. Set the right IP and save the file. We need to do this in every node in the cluster, although you can use the same file if you set the right name in your hosts file.	
	Configure Corosync with the right IP binding as done in node 1.
Configure the /etc/default/corosync file to enable Corosync changing START to yes "START=yes". Then we can start Corosync using sudo service corosync start.	
	Enable Corosync and start it as in node 1.

Check the nodes with sudo crm_mon