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Submitted by falko on Mon, 2006-03-27 12:11. ::

5 How To Restart The Cluster

Now let's assume you want to restart the MySQL cluster, for example because you have changed `/var/lib/mysql-cluster/config.ini` on `loadb1.example.com` or for some other reason. To do this, you use the `ndb_mgm` cluster management client on `loadb1.example.com`:

[loadb1.example.com](#):

```
ndb_mgm
```

On the `ndb_mgm` console, you type

```
shutdown;
```

You will then see something like this:

```
ndb_mgm> shutdown;
Node 3: Cluster shutdown initiated
Node 2: Node shutdown completed.
2 NDB Cluster node(s) have shutdown.
NDB Cluster management server shutdown.
ndb_mgm>
```

This means that the cluster nodes `sql1.example.com` and `sql2.example.com` and also the cluster management server have shut down.

Run

```
quit;
```

to leave the `ndb_mgm` console.

To start the cluster management server, do this on `loadb1.example.com`:

[loadb1.example.com](#):

```
ndb_mgmd -f /var/lib/mysql-cluster/config.ini
```

and on `sql1.example.com` and `sql2.example.com` you run

[sql1.example.com / sql2.example.com](#):

```
ndbd
```

or, if you have changed `/var/lib/mysql-cluster/config.ini` on `loadb1.example.com`:

```
ndbd --initial
```

Afterwards, you can check on `loadb1.example.com` if the cluster has restarted:

[loadb1.example.com](#):

```
ndb_mgm
```

On the `ndb_mgm` console, type

```
show;
```

to see the current status of the cluster. It might take a few seconds after a restart until all nodes are reported as connected.

Type

```
quit;
```

to leave the `ndb_mgm` console.

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