

# Virtual Environment

## Remove Nodes from Cluster without Quorum

Firstly get an overview about all active nodes (nodes to be removed must be running), therefore run the following command on a node that should stay in the cluster:

```
pvecm nodes
```

Then shut down the nodes to be removed and delete the node with this command:

```
pvecm delnode <node-name>
```

Replace <node-name> with the name of the node that should be removed (take the name from the first command).

When running into issues with the quorum, just set the quorum to 1:

```
pvecm expected 1
```

Errors concerned the corosync can be solved by deleting the corosync-conf folder:

```
rm -rf /etc/pve/priv/lock/file-corosync_conf
```

*Partially sourced from: [pve.proxmox.com](http://pve.proxmox.com) - PVE admin guide*

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