

Remove Node from Cluster

Introduction

These are the steps if a node needs to be removed entirely from the cluster and function as a single node

Steps

1. Remove or mitigate all VMs and containers from nodes that will be decommissioned
 2. Create a ZFS snapshot of rpool and rpool/data on the single node
 3. Delete the nodes that will be decommissioned
 4. Remove the cluster config
 5. (Optional) Disable cluster/HA services
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Snapshot

```
zfs snapshot rpool@<date>  
zfs snapshot rpool/data@<date>
```

Turn off the decommissioned node

Remove the decommissioned nodes from the single node

```
pvecm delnode <nodename>
```

Run the following to delete the cluster and create a single node

It may be best to run this line by line to see the output.

```
systemctl stop pve-cluster corosync  
pmxcfs -l  
rm /etc/corosync/*  
rm /etc/pve/corosync.conf  
killall pmxcfs  
systemctl start pve-cluster
```

(Optional) Disable cluster/HA services

```
systemctl disable --now pve-ha-crm pve-ha-lrm corosync.service
```

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