✕ PROXMOX

[SOLVED] Remove node from cluster

👤 alterman1994 · 🕒 Oct 28, 2021

🏠 › Forums › Proxmox Virtual Environment › Proxmox VE: Installation and configuration

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A

alterman1994
New Member

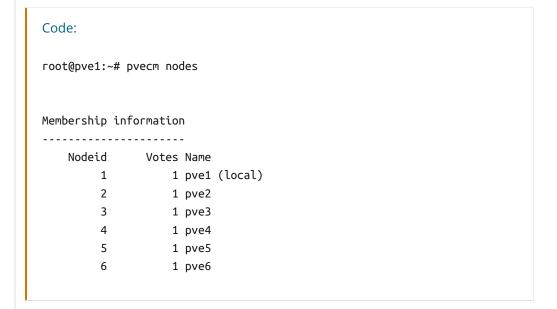Oct 28, 2021   ⮐   #1

Hello Guys,

I mistakenly added new node to cluster using public network (instead of storage one). I'm checking https://pve.proxmox.com /wiki/Cluster_Manager#_remove_a_cluster_node

to remove the node. I powered off the machine (pve7) to make sure it will never power on again (going to reconfigure it from scratch)

However, when I execute pvecm nodes, I don't see this node listed

```
Code:

root@pve1:~# pvecm nodes


Membership information
----------------------
    Nodeid      Votes Name
         1          1 pve1 (local)
         2          1 pve2
         3          1 pve3
         4          1 pve4
         5          1 pve5
         6          1 pve6
```

How can I properly remove it? Could someone please assist? The cluster is in production, don't want to screw it up.

Proxmox version: 6.4-13

Thanks.

mira
Proxmox Staff Member

Staff member

ˇ

Oct 28, 2021   < #2

Yes, `pvecm nodes` only lists the active ones.
In the GUI you see the name of the node you want to delete. Use that for the
command `pvecm delnode` as described in the docs/wiki.

Best regards,
Mira

Do you already have a Commercial Support Subscription? - If not, Buy now and read
the documentation

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alterman1994
New Member

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Oct 28, 2021   < #3

@mira Hello, thank you for your feedback.

I run it and that's what I got:

Code:

```
root@pve1:~# pvecm delnode pve7
Could not kill node (error = CS_ERR_NOT_EXIST)
Killing node 7
command 'corosync-cfgtool -k 7' failed: exit code 1
```

Seems like it did the trick, I don't see pve7 anymore in gui, /etc/corosync
/corosync.conf and /etc/pve/corosync.conf

However, do I need to worry about the output? Anything I need to reload after
this operation? Sorry if questions look stupid to you.

Thanks in advance.

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alterman1994
New Member

ˇ

Oct 28, 2021   < #4

Nevermind, I've reinstalled it from scratch, cleaned old known_hosts and
added new node properly.

Thanks for your great support!

   mira

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proxwolfe
Active Member

Nov 24, 2022   < #5

I, too, am trying to remove a node from my cluster (to set it up anew and
rejoin it).

I managed to delete it using pvecm but it still showed up in the GUI.

So I removed the respective folder under /etc/pve/nodes and now it is gone.

But doing this, I discovered that I have another folder /etc/pve/nodes/pve which does not correspond to a node shown in the GUI or still in existence. My cluster has evolved over time and I removed all original nodes and replaced them with newer ones. It *may* be that one of the originals nodes was named "pve". Can I simply remove also this folder or might I kill my cluster?

Thanks

Last edited: Nov 24, 2022

Jannoke

Jannoke
Well-Known Member

Dec 15, 2022   #6

You probably won't kill the clustet, but you can backup it and remove it and test if something goes wrong. You can always put it back. Just don't do it on working hours. Anyways thanks for the tip on removing the /etc/pve/nodes/<node> folder. I got to same point where it deleted the node but did not remove it from GUI.

chrzimm

---

cryptocurt
New Member

Jan 22, 2023   #7

> **proxwolfe said:** ↩
>
> I, too, am trying to remove a node from my cluster (to set it up anew and rejoin it).
>
> I managed to delete it using pvecm but it still showed up in the GUI.
>
> Click to expand...

How did you remove the folder, I get an error; **rm: cannot remove 'local': Is a directory** I tried the -f flag but that's not working

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kajizta
New Member

Jan 26, 2023   #8

> **cryptocurt said:** ↩
>
> How did you remove the folder, I get an error; **rm: cannot remove 'local': Is a directory** I tried the -f flag but that's not working

use rm -rf /path/to/foo to delete folder

H

hrz
New Member

⌄

Feb 19, 2023   ⤴ #9

> Jannoke said: ↺
>
> You probably won't kill the clustet, but you can backup it and remove it and
> test if something goes wrong. You can always put it back. Just don't do it on
> working hours. Anyways thanks for the tip on removing the /etc/pve/nodes
> /<node> folder. I got to same point where it deleted the node but did not
> remove it from GUI.

THANK YOU, this worked, you can use the command "rm -rf /etc/pve/nodes
/NAME" reboot and the pesky node is finally gone from the dashboard...

I

ihr
New Member

⌄

Feb 21, 2023   ⤴ #10

On Proxmox 7.3 after running
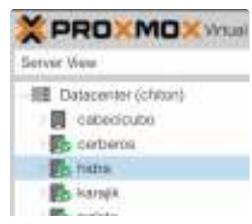
Code:

```
pvecm delnode <cabecicubo>
```

The node got deleted, and `pvecm` nodes no longer shows `cabecicubo` on the
list; but, in the UI, the node is still visible, without the green check, but visible.

How can I remove it from the UI?

Attachments

Window-3.png

Last edited: Feb 21, 2023

P

Feb 21, 2023   ⤴ #11

Have you tried removing the folder corresponding to the node under /etc/pve

proxwolfe
Active Member
⌄

/nodes?

I

ihr
New Member
⌄

Feb 21, 2023   ≺   #12

> proxwolfe said: ↺
>
> Have you tried removing the folder corresponding to the node under /etc/pve
> /nodes?

No, That directory exist. In that folder there is "old" information about that node but the interesting thing is that in the sub-folder called `qemu-server` there is still one file `155.conf` that contains the configuration of one VM that I no longer use.

The cleanest think to do is to remove all resources that corresponds with that VM and then, remove the node info for that folder.

J

Jannoke
Well-Known Member
⌄

Feb 21, 2023   ≺   #13

I just found that there was still my old node data available on the /etc/pve /nodes path. So just to test it out I just created dummy 1.conf file in the qemu-server subfolder and it immidiately added this node to he list of nodes in web ui. Of course it's with quiestion mark. After removing the 1.conf file, the node will not have any virtual machines, but wil not dissapear from the list until i refresh browser. So yes - qemu-server folder needs to be empty for it to dissapear from nodes tree.

F

fpdragon
New Member
⌄

Sep 17, 2023   ≺   #14

Hi there,

I think I am currently in a similar problem. The whole mess kind of started when I tried to create a cluster between two different versions of pve nodes. I have learned now and tried to cleanup everything and apgrade both nodes. now they are on same version 7.4-16 .

However I still see the old node after I create a NEW cluster with a new name. Since a manually removed several configuration files related to cluster and corosync modules before, I guess the problem relies in the `/etc/pve/nodes/*` directories.

However, maybe I am dumb but I was not able to remove them. I also tried with `rm -rf /etc/pve/nodes/nodename` but I always get a "Permission denied". There are several subdirs (lxc, openvz priv qemu-server) that I also can't remove the subdirs.

Another problem is, when I execute `systemctl stop pve-cluster` my remote

console connection drops and I am not able remove the directories afterwards. Currently I dont have a physical direct console available so I do have to use the web interface or SSH shell.

Any idea how to get rid of the directories? Thanks.

F

fpdragon
New Member

⌄

Sep 17, 2023   ≺ #15

Ok, I figured out how to remove the directories. The trick was once again, to remove the whole cluster with

Code:

```
rm -f /etc/pve/cluster.conf /etc/pve/corosync.conf
rm -f /etc/cluster/cluster.conf /etc/corosync/corosync.conf
rm /var/lib/pve-cluster/.pmxcfs.lockfile
```

After reboot the cluster disappeard and I also was able to remove the node directories.

So it seems that everything was clean now and when creating a new cluster no old node shows up any more.

However that has not solved my main problem that I can't add my second node to the cluster. I guess I will create a new post for that.

J

Jannoke
Well-Known Member

⌄

Sep 17, 2023   ≺ #16

I believe permission denied error came from you not having chorus - You should have at least 3 nodes so that chorus would work. If you have two - as soon as one breaks , the whole cluster will go read-only, because remaining node does not have confirmation if he's "in" or "out". Third node can be some simple NUC or rasperry pi. Does not have to be fullblown machine bearing load.

F

fpdragon
New Member

⌄

Sep 17, 2023   ≺ #17

> Jannoke said: ↺
>
> I believe permission denied error came from you not having chorus - You should have at least 3 nodes so that chorus would work. If you have two - as soon as one breaks , the whole cluster will go read-only, because remaining node does not have confirmation if he's "in" or "out". Third node can be some simple NUC or rasperry pi. Does not have to be fullblown machine bearing load.

yeah, I do know that nomally 3 nodes are required. I was using 2 nodes before since is still quite handy to migrate vms between the two nodes.

W

watersheep
New Member

⌄

Dec 19, 2023   ⬦   #18

hello im having a isue with my node not booding after a cup failuer i can no longer boot up this node how to i remove the nde from my cluster so i can use my vms after when i get to the gui all i see is this (image 1) i can not boot any vm i get the err code 500 sombody help me

Attachments

image_2023-12-19_021411564.p...   image_2023-12-19_021513444.p...

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