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\$ #3

Cluster Join failed This host already contains virtual guests

≗ DocSpiegel · ⊙ Jul 15, 2019 · ۞ ceph cluster corosync

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DocSpiegel

New Member

21

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Jul 15, 2019 < #1

Hello all, I will keep this brief and to the point. I have moved my cluster to a permanent home on a new network and am recreating my cluster. In order to do so I followed the process of removing corosync.conf and deleting all the config files. I also removed all ceph config and all vm's are removed from all nodes.

I can create a cluster fine, but whenever I attempt to join a node to it I get the error 'this host already contains virtual guests' but they are all gone.

Any ideas?



mira

Proxmox Staff Member

Staff member

~

Jul 15, 2019

Are there any files left in '/etc/pve/qemu-server' or '/etc/pve/lxc' on the node you want to join?

Best regards,

Mira

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DocSpiegel

New Member

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Jul 15, 2019

mira said: 5

Are there any files left in '/etc/pve/qemu-server' or '/etc/pve/lxc' on the node you want to join?

In /etc/pve/nodes/ I found that there was a directory for each of the old nodes(i.e. /etc/pve/nodes/node1/qemu-server/ and inside found the vm .conf files i.e. 101.conf. I removed those and then the join worked properly.

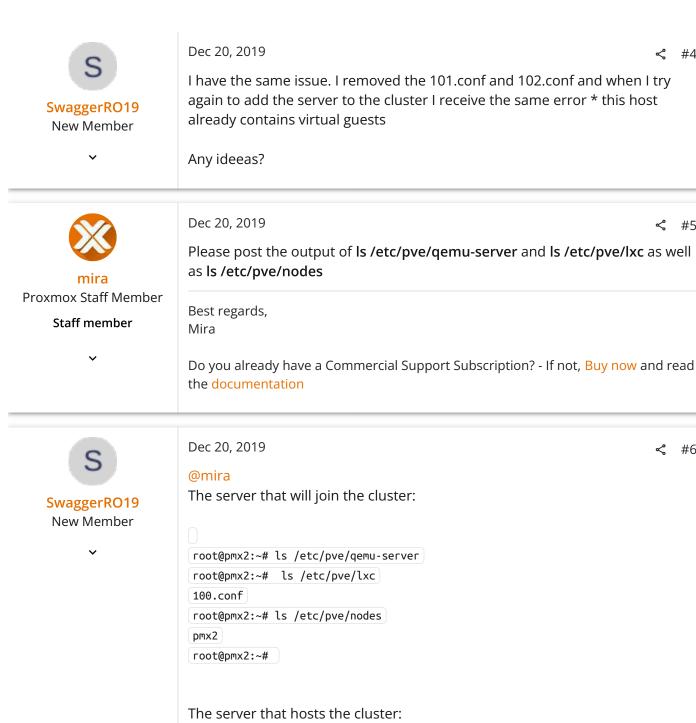
Thank you for the quick response and help!

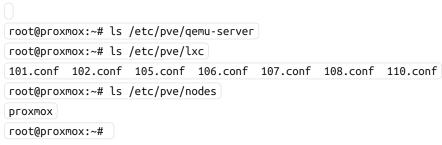
#4

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Dec 20, 2019

You already have a container on that node. If you want to keep it, make a backup. Then delete the container, join the node to the cluster and restore the container.

Best regards, Mira

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SwaggerRO19



Dec 20, 2019

#8

#9

@mira may I ask on what node? On the pmx2 one? Or on the host node.

SwaggerRO19 **New Member**



Proxmox Staff Member

Staff member

On the one you want to join, as the error message mentions. You can't join a node to a cluster if the node has guests.

Best regards,

Dec 20, 2019

Mira

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

Chaminda Bandara and SwaggerRO19



Member

Sep 3, 2020

\$ #10

hello I have some problem,

I have two node the first have a lot VM and the host name is Proxmox On the proxmox host I have make a cluster.

now I'd like to join another node named proxmox2 but when i try there is error:

* this host already contains virtual guests

below result of command:

```
root@proxmox:~# ls /etc/pve/qemu-server
100.conf 101.conf 102.conf 103.conf 104.conf 105.conf 106.conf 110.conf
112.conf
root@proxmox:~# ls /etc/pve/lxc
root@proxmox:~# ls /etc/pve/nodes
ргохтох
root@proxmox:~#
root@proxmox2:~# ls /etc/pve/qemu-server
root@proxmox2:~# ls /etc/pve/lxc
```

3 of 7 1/10/24, 10:21

root@proxmox2:~# ls /etc/pve/nodes

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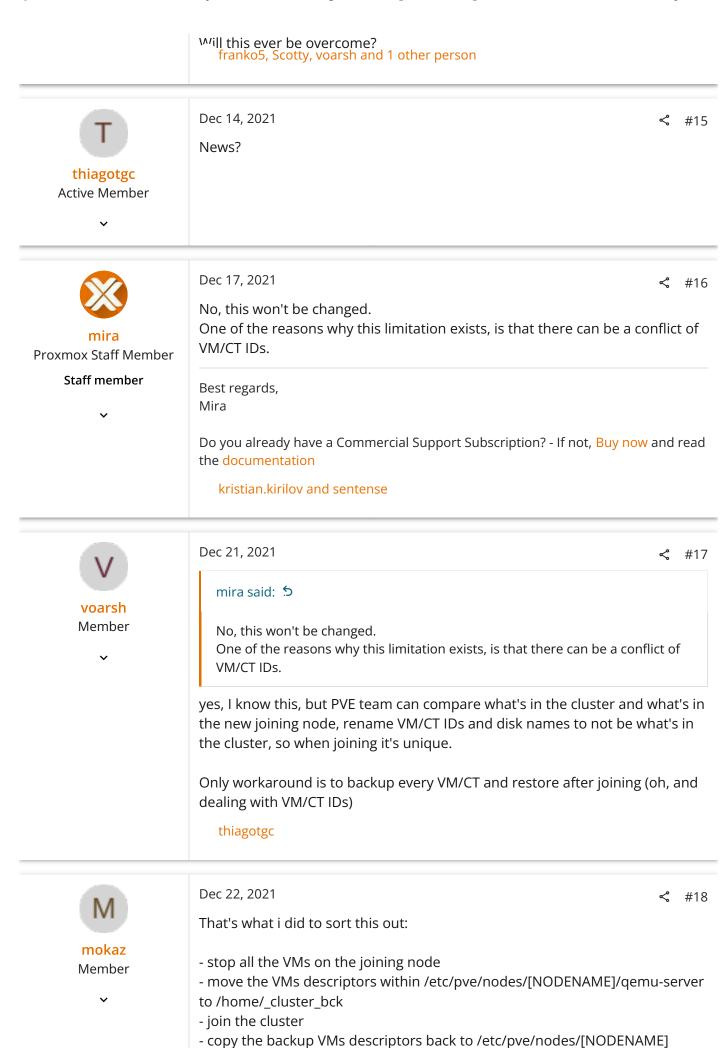
thiagotgc Active Member

. .

voarsh said: 5

This is a bad design. Consider making it possible to join when guests exist on the joining node.

I also don't understand why this limitation.



/qemu-server

done =)

Wichets, fabwebbr and thiagotgc



fabian

Proxmox Staff Member
Staff member

~

Dec 22, 2021



#20

voarsh said: 5

yes, I know this, but PVE team can compare what's in the cluster and what's in the new joining node, rename VM/CT IDs and disk names to not be what's in the cluster, so when joining it's unique.

Only workaround is to backup every VM/CT and restore after joining (oh, and dealing with VM/CT IDs)

it's not that easy - changing guest IDs involves storage operations, storage config entries can also conflict, as could stuff like CPU models, firewall groups, backup jobs - and that's just from the top of my head without actually thinking through all the corner cases that might pop up.

you can already trivially work around this limitation manually **if you know what you are doing** (backup relevant content from /etc/pve, remove guest configs, join, restore content as needed), but there is so much that can go wrong that this will not be automated. 99% of the time a node is freshly installed, then joined to an existing cluster while empty.

Best regards, Fabian

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mokaz Member

~

Dec 22, 2021

Sure thing Fabian, I wouldn't do this in production that's for sure.. But see here I've just made some stupid mistakes (rm -r /etc/pve/nodes/) while reconfiguring the cluster etc and well all the VMs were locally hosted or on NFS.. And I needed a few VMs to control underneath hardware, hence not much of a choice... in my home lab setup this hasn't gave me any issues really..

And sure thing, backup, backup backup..

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