



PVCs are hanging in termination due to the PV's ONTAP volume not being deleted

https://kb-stage.netapp.com/cloud/Astra/Trident/PVCs_are_hanging_in_termination_due_to_the_PV_s...

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Applies to

Trident for Kubernetes/Openshift

Issue

After having created a Kubernetes/Trident Snapshot and from that, a Kubernetes PVC clone to be used for another pod, terminating the original pod, and deleting its PVC does not fully clean up the PV information in trident.

The deletion fails due to the clone-busy Snapshot showing at least two errors:

1. `type: 'Warning' reason: 'VolumeFailedDelete' persistentvolume pvc-UUID is still attached to node WORKER_NODE`

2. API status: failed, Reason: Failed to delete volume
\"trident_PREFIX_pvc_UUID\" in Vserver \"VSERVER\" because it has one or
more clones.\n\nUse the \"volume clone show -parent-vserver VSERVER
-parent-volume trident_PREFIX_pvc_UUID\" command to list clones, and either
delete or split the clones and retry the operation.\n\nUse \"volume clone
split start -vserver \u003cvserver name\u003e -flexclone \u003ccclone name\
u003e\" to split clones.\n\nUse \"volume delete -vserver \u003cvserver name\
u003e -volume \u003ccclone name\u003e\" to delete clones., Code
15894\", \"level\": \"error\", \"message\": \"Unable to delete volume from backend.\"

Additionally, the PVCs show as released in the output "oc|kubectl get pvc -o wide".