

New issue

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snapshot-controller panics when source PVC does not exist #380

Closed jsafrane opened this issue on Sep 29, 2020 · 1 comment · Fixed by #381

Assignees



jsafrane commented on Sep 29, 2020

Contributor

When taking a snapshot of a non-existing PVC, snapshot controller panics:

```
E0929 06:42:38.147021    1 snapshot_controller_base.go:338] checkAndUpdateSnapshotClass failed to setDefaultClass the snapshot source PVC name is not specified
E0929 06:42:38.147118    1 runtime.go:78] Observed a panic: "invalid memory address or nil pointer dereference" (runtime error: invalid memory address or nil pointer
dereference)
goroutine 161 [running]:
k8s.io/apimachinery/pkg/util/runtime.logPanic(0x1446fc0, 0x201e670)
/go/src/github.com/kubernetes-csi/external-snapshotter/vendor/k8s.io/apimachinery/pkg/util/runtime/runtime.go:74 +0xa6
k8s.io/apimachinery/pkg/util/runtime.HandleCrash(0x0, 0x0, 0x0)
/go/src/github.com/kubernetes-csi/external-snapshotter/vendor/k8s.io/apimachinery/pkg/util/runtime/runtime.go:48 +0x89
panic(0x1446fc0, 0x201e670)
/usr/lib/golang/src/runtime/panic.go:969 +0x175
github.com/kubernetes-csi/external-snapshotter/v3/pkg/common-controller.(*csiSnapshotCommonController).syncSnapshotByKey(0xc0001f8e00, 0xc0006a6ae0, 0x19, 0x0, 0xbc)
/go/src/github.com/kubernetes-csi/external-snapshotter/pkg/common-controller/snapshot_controller_base.go:215 +0x9d7
github.com/kubernetes-csi/external-snapshotter/v3/pkg/common-controller.(*csiSnapshotCommonController).snapshotWorker(0xc0001f8e00)
/go/src/github.com/kubernetes-csi/external-snapshotter/pkg/common-controller/snapshot_controller_base.go:188 +0xed
k8s.io/apimachinery/pkg/util/wait.BackoffUntil.func1(0xc0006ba8b0)
/go/src/github.com/kubernetes-csi/external-snapshotter/vendor/k8s.io/apimachinery/pkg/util/wait/wait.go:155 +0x5f
k8s.io/apimachinery/pkg/util/wait.BackoffUntil(0xc0006ba8b0, 0x1774260, 0xc0001f0030, 0x1, 0xc00002a1e0)
/go/src/github.com/kubernetes-csi/external-snapshotter/vendor/k8s.io/apimachinery/pkg/util/wait/wait.go:156 +0xad
k8s.io/apimachinery/pkg/util/wait.JitterUntil(0xc0006ba8b0, 0x0, 0x0, 0x1, 0xc00002a1e0)
/go/src/github.com/kubernetes-csi/external-snapshotter/vendor/k8s.io/apimachinery/pkg/util/wait/wait.go:133 +0x98
k8s.io/apimachinery/pkg/util/wait.Until(0xc0006ba8b0, 0x0, 0xc00002a1e0)
/go/src/github.com/kubernetes-csi/external-snapshotter/vendor/k8s.io/apimachinery/pkg/util/wait/wait.go:90 +0x4d
created by github.com/kubernetes-csi/external-snapshotter/v3/pkg/common-controller.(*csiSnapshotCommonController).Run
/go/src/github.com/kubernetes-csi/external-snapshotter/pkg/common-controller/snapshot_controller_base.go:139 +0x2ae
panic: runtime error: invalid memory address or nil pointer dereference [recovered]
panic: runtime error: invalid memory address or nil pointer dereference
[signal SIGSEGV: segmentation violation code=0x1 addr=0xa0 pc=0x12b1d97]
```

To reproduce this, the VolumeSnapshot must not have a VolumeSnapshotClass:

```
apiVersion: snapshot.storage.k8s.io/v1beta1
kind: VolumeSnapshot
metadata:
  name: new-snapshot
spec:
  source:
    persistentVolumeClaimName: blabla
```

jsafrane commented on Sep 29, 2020

Contributor

Author

/assign

k8s-ci-robot assigned jsafrane on Sep 29, 2020

jsafrane mentioned this issue on Sep 29, 2020

Fix panic when source PVC does not exist #381

Merged

k8s-ci-robot closed this as completed in #381 on Sep 30, 2020

jsafrane mentioned this issue on Nov 3, 2020

CVE-2020-8569: snapshot-controller DoS (NULL pointer dereference) #421

Closed

mattcary mentioned this issue on Dec 9, 2020

Missing snapshot class causes panic in release-2.1 branch #445

Closed

Assignees

jsafrane

Labels

None yet

Projects


None yet

Milestone

No milestone

Development

Successfully merging a pull request may close this issue.

 **Fix panic when source PVC does not exist**
jsafrane/external-snapshotter

1 participant

