

Item 106

git_comments:

1. also not created on secondary store
2. not created on primary store
3. no need to change state in volumes table

git_commits:

1. **summary:** CLOUDSTACK-4534:[object_store_refactor] Deleting uploaded volume is not
message: CLOUDSTACK-4534:[object_store_refactor] Deleting uploaded volume is not deleting the volume from backend.

github_issues:

github_issues_comments:

github_pulls:

github_pulls_comments:

github_pulls_reviews:

jira_issues:

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label: code-design
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label: code-design

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 [root@Rhel63-Sanjeev 20]# Attaching management server log file and cloud db.

jira_issues_comments:

1. Can this be tested on Xen
2. **body:** Edison / Min - We just remove the DB entries as part of the scavenger thread - why ? We should clean the DB entries as part of the API itself. Also in the scavenger thread if there are some DB entries left over we should delete them physically and not just the db entries - scavenger thread ensures sanity in case cleanup failed for some reason. Is there a reason why we dont do that anymore? Sanjeev - I see that deleteVolumeCmd didn't issue any HV delete command for vmware ? Is that correct ?
label: code-design
3. Increasing the priority to Critical since I see this issue even with Xen. Uploaded vhd and after the upload completion, deleted from CS. However I didn't see any deleteCommand sent to either SSVM or hypervisor. Attaching latest management server log file and cloud DB.
4. I have observed this issue too.
5. This will be happening for all the hypervisors but only for uploaded volumes.
6. Based on our design, deleteVolumeCmd should trigger object store driver to delete the volume from secondary storage, that is why we removed logic of deleting volume from backend in scavenger thread. This seems a bug in handling deleteVolume for uploaded volume. What if you restart management server or restart SSVM, volume sync triggered there should remove it from secondary storage.
7. I just verified, restart SSVM or restart MS will remove the uploaded volume from secondary storage. But the only issue here is that that destroyed volume is still showing up in the UI due to removed column is not set for this volume.
8. Commit 362bf5b8b472ed2a75ae712abc724e4d1bf06f35 in branch refs/heads/4.2-forward from [~minchen07] [<https://git-wip-us.apache.org/repos/asf?p=cloudstack.git;h=362bf5b>] CLOUDSTACK-4534:[object_store_refactor] Deleting uploaded volume is not deleting the volume from backend.
9. The new commit will remove uploaded volume from secondary storage as well as from UI in issuing delete command.
10. Commit a20097b967bbe5bba5ee704d03c808c2a54b5268 in branch refs/heads/master from [~minchen07] [<https://git-wip-us.apache.org/repos/asf?p=cloudstack.git;h=a20097b>] CLOUDSTACK-4534:[object_store_refactor] Deleting uploaded volume is not deleting the volume from backend.
11. Hi Min, The fix is not working as you mentioned in the comment. Uploaded volume is getting deleted from DB and from back-end only when storage gc is kicked in. However should be deleted as and when the

deleteVolume API is fired. Following is the snippet during delete Volume and during GC: 2013-09-17 20:03:04,557 DEBUG [cloud.api.ApiServlet] (catalina-exec-23:null) ===START=== 10.146.0.129 -- GET command=deleteVolume&id=be37b4a9-f083-4d41-8654-3db5ff726255&response=json&sessionkey=FwuJPNi1MfU2slw1a6dgM9liVLA%3D&_=1379408947517 2013-09-17 20:03:05,243 DEBUG [agent.manager.AgentManagerImpl] (AgentManager-Handler-2:null) SeqA 9-12329: Processing Seq 9-12329: { Cmd , MgmtId: -1, via: 9, Ver: v1, Flags: 11, [{"com.cloud.agent.api.ConsoleProxyLoadReportCommand":{"_proxyVmId":41,"_loadInfo":{"\n\"connections\": [\n]\", \"wait\":0}}] } 2013-09-17 20:03:05,256 DEBUG [agent.manager.AgentManagerImpl] (AgentManager-Handler-2:null) SeqA 9-12329: Sending Seq 9-12329: { Ans: , MgmtId: 7652490870806, via: 9, Ver: v1, Flags: 100010, [{"com.cloud.agent.api.AgentControlAnswer":{"result":true,\"wait\":0}}] } 2013-09-17 20:03:05,293 DEBUG [cloud.user.AccountManagerImpl] (catalina-exec-23:null) Access granted to Acct[9adeb308-1a21-11e3-b1b5-06f5bc000016-admin] to Domain:1/ by AffinityGroupAccessChecker_EnhancerByCloudStack_185497a3 2013-09-17 20:03:05,377 INFO [cloud.resourcelimit.ResourceLimitManagerImpl] (catalina-exec-23:null) Discrepancy in the resource count (original count=459320832 correct count = 2147483648) for type secondary_storage for account ID 2 is fixed during resource count recalculation. 2013-09-17 20:03:05,411 INFO [cloud.storage.VolumeManagerImpl] (catalina-exec-23:null) Expunging volume 96 from secondary data store 2013-09-17 20:03:05,418 DEBUG [storage.volume.VolumeServiceImpl] (catalina-exec-23:null) Marking volume that was never created as destroyed: Vol[96|vm=null|DATADISK] 2013-09-17 20:03:05,467 DEBUG [cloud.api.ApiServlet] (catalina-exec-23:null) ===END=== 10.146.0.129 -- GET command=deleteVolume&id=be37b4a9-f083-4d41-8654-3db5ff726255&response=json&sessionkey=FwuJPNi1MfU2slw1a6dgM9liVLA%3D&_=1379408947517 2013-09-17 20:11:49,466 DEBUG [cloud.storage.StorageManagerImpl] (StorageManager-Scavenger-1:null) Storage pool garbage collector found 0 templates to clean up in storage pool: pr 2013-09-17 20:11:49,473 DEBUG [cloud.storage.StorageManagerImpl] (StorageManager-Scavenger-1:null) Storage pool garbage collector found 0 templates to clean up in storage pool: p2 2013-09-17 20:11:49,497 DEBUG [cloud.storage.StorageManagerImpl] (StorageManager-Scavenger-1:null) Secondary storage garbage collector found 0 templates to cleanup on template_store_ref for store: sec 2013-09-17 20:11:49,504 DEBUG [cloud.storage.StorageManagerImpl] (StorageManager-Scavenger-1:null) Secondary storage garbage collector found 0 snapshots to cleanup on snapshot_store_ref for store: sec 2013-09-17 20:11:49,510 DEBUG [cloud.storage.StorageManagerImpl] (StorageManager-Scavenger-1:null) Secondary storage garbage collector found 1 volumes to cleanup on volume_store_ref for store: sec 2013-09-17 20:11:49,513 DEBUG [cloud.storage.StorageManagerImpl] (StorageManager-Scavenger-1:null) Deleting volume store DB entry: VolumeDataStore[2-96-2volumes/2/96/e28c14c2-6efe-3bec-aa85-0c1d8d4811e8.ova] So reopening the bug.

12. Commit af2951ad56481ae599f0f0e0c4e47eb5ffefca5b in branch refs/heads/4.2-forward from [~minchen07] [<https://git-wip-us.apache.org/repos/asf?p=cloudstack.git;h=af2951a>] CLOUDSTACK-4534:[object_store_refactor] Deleting uploaded volume is not deleting the volume from backend.
13. Commit 6fccd74ae8da5b865ad1a4a166802f105c6a5b2e in branch refs/heads/master from [~minchen07] [<https://git-wip-us.apache.org/repos/asf?p=cloudstack.git;h=6fccd74>] CLOUDSTACK-4534:[object_store_refactor] Deleting uploaded volume is not deleting the volume from backend.
14. Verified with latest build from 4.2 . Works fine.