

**git\_comments:****git\_commits:**

1. **summary:** CLOUDSTACK-5726: Using runtime discovered dao (in AsyncJobManagerImpl.submitAsyncJob) to persist record has a problem to locate the right DAO instance, it causes corrupted field value be stored in database. Put in a work-around fix first to always initialize record fields in all cases  
**message:** CLOUDSTACK-5726: Using runtime discovered dao (in AsyncJobManagerImpl.submitAsyncJob) to persist record has a problem to locate the right DAO instance, it causes corrupted field value be stored in database. Put in a work-around fix first to always initialize record fields in all cases  
**label:** code-design

**github\_issues:****github\_issues\_comments:****github\_pulls:****github\_pulls\_comments:****github\_pulls\_reviews:****jira\_issues:**

1. **summary:** [Automation] Volume attach to vm failed with error "Unable to serialize"  
**description:** Steps to reproduce Step 1 : Create advanced zone in KVM or vmware Step 2 : Deploy a VM Step 3: Create volume Step 4 : Attache a volume to VM  
Volume attachment failed with below error 2014-01-02 13:52:46,348 INFO [o.a.c.f.j.i.AsyncJobMonitor] (Job-Executor-143:ctx-3e4a400f) Add job-395 into job monitoring 2014-01-02 13:52:46,349 DEBUG [o.a.c.f.j.i.AsyncJobManagerImpl] (Job-Executor-143:ctx-3e4a400f) Executing AsyncJobVO {id:395, userId: 2, accountId: 2, in stanceType: Volume, instanceId: 81, cmd: org.apache.cloudstack.api.command.user.volume.AttachVolumeCmd, cmdInfo: {"response":"","json","id":"f3f4d6da-38d5-4 213-b23c-ccda5b88ad6b","sessionkey":"cf90SOIB7bNvgOzDeKXKKAWKIBI\u003d","cmdEventType":"VOLUME.ATTACH","ctxUserId":"2","virtualMachineId":"05db9cb0d5-4866-b582-7b05bdd5a4f2","httpmethod":"GET","\_":"1388701841415","ctxAccountId":"2","ctxStartEventId":"1380"}, cmdVersion: 0, status: IN\_PROGRESS, processS tatus: 0, resultCode: 0, result: null, initMsid: 90928106758026, completeMsid: null, lastUpdated: null, lastPolled: Thu Jan 02 13:52:44 PST 2014, created : Thu Jan 02 13:52:25 PST 2014} 2014-01-02 13:52:46,357 DEBUG [o.a.c.f.j.i.AsyncJobManagerImpl] (Job-Executor-85:ctx-bb07ef89) Done executing com.cloud.storage.VmWorkAttachVolume for jo b-396 2014-01-02 13:52:46,360 ERROR [c.c.a.ApiAsyncJobDispatcher] (Job-Executor-97:ctx-f23ddb5a) Unexpected exception while executing org.apache.cloudstack.api .command.user.volume.AttachVolumeCmd  
com.cloud.utils.exception.CloudRuntimeException: Unable to serialize: 81 at  
org.apache.cloudstack.framework.jobs.impl.JobSerializerHelper.fromObjectSerializedString(JobSerializerHelper.java:135) at  
org.apache.cloudstack.framework.jobs.impl.AsyncJobManagerImpl.unmarshallResultObject(AsyncJobManagerImpl.java:667) at  
com.cloud.storage.VolumeApiServiceImpl.attachVolumeToVM(VolumeApiServiceImpl.java:1115) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57) at  
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) at java.lang.reflect.Method.invoke(Method.java:606) at  
org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:317) at  
org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodInvocation.java:183) at  
org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:150) at  
org.springframework.aop.interceptor.ExposeInvocationInterceptor.invoke(ExposeInvocationInterceptor.java:91) at  
org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:172) at  
org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:204) at com.sun.proxy.\$Proxy195.attachVolumeToVM(Unknown Source) at org.apache.cloudstack.api.command.user.volume.AttachVolumeCmd.execute(AttachVolumeCmd.java:123) at  
com.cloud.api.ApiDispatcher.dispatch(ApiDispatcher.java:161) at com.cloud.api.ApiAsyncJobDispatcher.runJobInContext(ApiAsyncJobDispatcher.java:109) at  
com.cloud.api.ApiAsyncJobDispatcher\$1.run(ApiAsyncJobDispatcher.java:66) at  
org.apache.cloudstack.managed.context.impl.DefaultManagedContext\$1.call(DefaultManagedContext.java:56) at  
org.apache.cloudstack.managed.context.impl.DefaultManagedContext.callWithContext(DefaultManagedContext.java:103) at  
org.apache.cloudstack.managed.context.impl.DefaultManagedContext.runWithContext(DefaultManagedContext.java:53) at  
com.cloud.api.ApiAsyncJobDispatcher.runJob(ApiAsyncJobDispatcher.java:63) at  
org.apache.cloudstack.framework.jobs.impl.AsyncJobManagerImpl\$5.runInContext(AsyncJobManagerImpl.java:522) at  
org.apache.cloudstack.managed.context.ManagedContextRunnable\$1.run(ManagedContextRunnable.java:49) at  
org.apache.cloudstack.managed.context.impl.DefaultManagedContext\$1.call(DefaultManagedContext.java:56) at  
org.apache.cloudstack.managed.context.impl.DefaultManagedContext.callWithContext(DefaultManagedContext.java:103) at  
org.apache.cloudstack.managed.context.impl.DefaultManagedContext.runWithContext(DefaultManagedContext.java:53) at  
org.apache.cloudstack.managed.context.ManagedContextRunnable.run(ManagedContextRunnable.java:46) at  
java.util.concurrent.Executors\$RunnableAdapter.call(Executors.java:471) at java.util.concurrent.FutureTask.run(FutureTask.java:262) at  
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145) at  
java.util.concurrent.ThreadPoolExecutor\$Worker.run(ThreadPoolExecutor.java:615) at java.lang.Thread.run(Thread.java:744) Caused by: java.io.EOFException at  
java.io.ObjectInputStream\$PeekInputStream.readFully(ObjectInputStream.java:2325) at  
java.io.ObjectInputStream\$BlockDataInputStream.readShort(ObjectInputStream.java:2794) at  
java.io.ObjectInputStream.readStreamHeader(ObjectInputStream.java:801) at java.io.ObjectInputStream.<init>(ObjectInputStream.java:299) at  
org.apache.cloudstack.framework.jobs.impl.JobSerializerHelper.fromObjectSerializedString(JobSerializerHelper.java:129) ... 32 more 2014-01-02 13:52:46,364  
WARN [o.a.c.f.j.i.AsyncJobManagerImpl] (Job-Executor-143:ctx-3e4a400f) job-395 is scheduled for wakeup run, but there is no join ing info anymore 2014-01-02 13:52:46,364 ERROR [o.a.c.f.j.i.AsyncJobManagerImpl] (Job-Executor-143:ctx-3e4a400f) Unable to find a wakeup dispatcher from the joined job: A  
syncJobVO {id:395, userId: 2, accountId: 2, instanceType: Volume, instanceId: 81, cmd: org.apache.cloudstack.api.command.user.volume.AttachVolumeCmd,  
cmd Info: {"response":"","json","id":"f3f4d6da-38d5-4213-b23c-ccda5b88ad6b","sessionkey":"cf90SOIB7bNvgOzDeKXKKAWKIBI\u003d","cmdEventType":"VOLUME.ATTACH","ctx  
UserId":"2","virtualMachineId":"05db9c3b-b0d5-4866-b582-7b05bdd5a4f2","httpmethod":"GET","\_":"1388701841415","ctxAccountId":"2","ctxStartEventId":"1380"}, cmdVersion: 0, status: IN\_PROGRESS,  
processStatus: 0, resultCode: 0, result: null, initMsid: 90928106758026, completeMsid: null, lastUpdated: null, las tPolled: Thu Jan 02 13:52:44 PST 2014,  
created: Thu Jan 02 13:52:25 PST 2014} 2014-01-02 13:52:46,364 DEBUG [o.a.c.f.j.i.AsyncJobManagerImpl] (Job-Executor-143:ctx-3e4a400f) Done executing  
org.apache.cloudstack.api.command.user.vol ume.AttachVolumeCmd for job-395

**jira\_issues\_comments:**

1. Commit 1dc784ecd12b0d4f402c74941afa724faf7623e in branch refs/heads/4.3 from [~kelveny] [ <https://git-wip-us.apache.org/repos/asf?p=cloudstack.git;h=1dc784e> ] CLOUDSTACK-5726: Using runtime discovered dao (in AsyncJobManagerImpl.submitAsyncJob) to persist record has a problem to locate the right DAO instance, it causes corrupted field value be stored in database. Put in a work-around fix first to always initialize record fields in all cases
2. Verified with latest automation result