[MAPREDUCE-4448](https://www.google.com/url?q=https://issues.apache.org/jira/browse/MAPREDUCE-4448&sa=D&source=editors&ust=1751358311813569&usg=AOvVaw2MUxPDW9v9UvMt-nFAKfnE)

Nodemanager crashes upon application cleanup if aggregation failed to start

**(1)  Log information**

(NM’s logs)   Description: When log aggregation is enabled, the NodeManager can crash if log aggregation for an application failed to start.         Log from one of the crashes is shown below.

✦     application: NEW→INITING

[main]2012-07-13 20:35:21,019 INFO org.apache.hadoop.yarn.server.nodemanager.containermanager.ContainerManagerImpl: Start request for container\_1342210962593\_0007\_01\_000001 by user x

[IPC Server handler 0 on 8041]2012-07-13 20:35:21,043 INFO org.apache.hadoop.yarn.server.nodemanager.containermanager.ContainerManagerImpl: Creating a new application reference for app application\_1342210962593\_0007

[IPC Server handler 0 on 8041]2012-07-13 20:35:21,050 INFO org.apache.hadoop.yarn.server.nodemanager.containermanager.application.Application: Application application\_1342210962593\_0007 transitioned from NEW to INITING

[AsyncDispatcher event handler]2012-07-13 20:35:21,051 INFO

✦     Assign an AM (i.e. an application attempt)

org.apache.hadoop.yarn.server.nodemanager.containermanager.application.Application: Adding container\_1342210962593\_0007\_01\_000001 to application application\_1342210962593\_0007

[AsyncDispatcher event handler]2012-07-13 20:35:21,062 ERROR org.apache.hadoop.security.UserGroupInformation: PriviledgedActionException as:x (auth:SIMPLE) cause:javax.security.sasl.SaslException: GSS initiate failed [Caused by GSSException: No valid credentials provided (Mechanism level: Failed to find any Kerberos tgt)]

[AsyncDispatcher event handler]2012-07-13 20:35:21,063 WARN org.apache.hadoop.ipc.Client: Exception encountered while connecting to the server : javax.security.sasl.SaslException: GSS initiate failed [Caused by GSSException: No valid credentials provided (Mechanism level: Failed to find any Kerberos tgt)]

[AsyncDispatcher event handler]2012-07-13 20:35:21,063 ERROR org.apache.hadoop.security.UserGroupInformation: PriviledgedActionException as:x (auth:SIMPLE) cause:java.io.IOException: javax.security.sasl.SaslException: GSS initiate failed [Caused by GSSException: No valid credentials provided (Mechanism level: Failed to find any Kerberos tgt)]

[AsyncDispatcher event handler]2012-07-13 20:35:21,063 ERROR org.apache.hadoop.yarn.server.nodemanager.containermanager.logaggregation.LogAggregationService: Failed to create user dir

[hdfs://xx:8020/mapred/logs/x] while processing app application\_1342210962593\_0007

[AsyncDispatcher event handler]2012-07-13 20:35:21,064 ERROR org.apache.hadoop.security.UserGroupInformation: PriviledgedActionException as:x (auth:SIMPLE) cause:java.io.IOException: Failed on local exception: java.io.IOException: javax.security.sasl.SaslException: GSS initiate failed [Caused by GSSException: No valid credentials provided (Mechanism level: Failed to find any Kerberos tgt)]; Host Details : local host is: "xx/xx.xx.xx.xx"; destination host is: ""x":8020;

✦     application: INITING → FINISHING\_CONTAINERS\_WAIT

[AsyncDispatcher event handler]2012-07-13 20:35:21,065 INFO org.apache.hadoop.yarn.server.nodemanager.containermanager.application.Application: Application application\_1342210962593\_0007 transitioned from INITING to FINISHING\_CONTAINERS\_WAIT

[AsyncDispatcher event handler]2012-07-13 20:35:21,067 INFO org.apache.hadoop.yarn.server.nodemanager.containermanager.container.Container: Container container\_1342210962593\_0007\_01\_000001 transitioned from NEW to DONE

[AsyncDispatcher event handler]2012-07-13 20:35:21,067 INFO org.apache.hadoop.yarn.server.nodemanager.containermanager.application.Application: Removing container\_1342210962593\_0007\_01\_000001 from application application\_1342210962593\_0007

[AsyncDispatcher event handler]2012-07-13 20:35:21,069 INFO org.apache.hadoop.yarn.server.nodemanager.containermanager.application.Application: Application application\_1342210962593\_0007 transitioned from FINISHING\_CONTAINERS\_WAIT to APPLICATION\_RESOURCES\_CLEANINGUP

[AsyncDispatcher event handler]2012-07-13 20:35:21,070 FATAL org.apache.hadoop.yarn.event.AsyncDispatcher: Error in dispatcher thread

[AsyncDispatcher event handler]org.apache.hadoop.yarn.YarnException:

Application is not initialized yet for container\_1342210962593\_0007\_01\_000001

            at org.apache.hadoop.yarn.server.nodemanager.containermanager.logaggregation.LogAggregationService.stopContainer(LogAggregationService.java:347)

            at org.apache.hadoop.yarn.server.nodemanager.containermanager.logaggregation.LogAggregationService.handle(LogAggregationService.java:381)

            at org.apache.hadoop.yarn.server.nodemanager.containermanager.logaggregation.LogAggregationService.handle(LogAggregationService.java:65)

            at org.apache.hadoop.yarn.event.AsyncDispatcher.dispatch(AsyncDispatcher.java:126)

            at org.apache.hadoop.yarn.event.AsyncDispatcher$1.run(AsyncDispatcher.java:75)

            at java.lang.Thread.run(Thread.java:619)

2012-07-13 20:35:21,071 INFO org.apache.hadoop.yarn.event.AsyncDispatcher: Exiting, bbye..

[AsyncDispatcher event handler]2012-07-13 20:35:21,072 WARN org.apache.hadoop.yarn.event.AsyncDispatcher: AsyncDispatcher thread interrupted

[AsyncDispatcher event handler]java.lang.InterruptedException

            at java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject.reportInterruptAfterWait(AbstractQueuedSynchronizer.java:1961)

            at java.util.concurrent.locks.AbstractQueuedSynchronizer$ConditionObject.await(AbstractQueuedSynchronizer.java:1996)

            at java.util.concurrent.LinkedBlockingQueue.take(LinkedBlockingQueue.java:399)

            at org.apache.hadoop.yarn.event.AsyncDispatcher$1.run(AsyncDispatcher.java:69)

            at java.lang.Thread.run(Thread.java:619)

2012-07-13 20:35:21,072 INFO org.apache.hadoop.yarn.service.AbstractService: Service:Dispatcher is stopped.

[Thread-1]2012-07-13 20:35:21,073 INFO org.mortbay.log: Stopped SelectChannelConnector@0.0.0.0:8042

[Thread-1]2012-07-13 20:35:21,075 INFO org.apache.hadoop.yarn.service.AbstractService: Service:org.apache.hadoop.yarn.server.nodemanager.webapp.WebServer is stopped.

[Thread-1]2012-07-13 20:35:21,075 INFO org.apache.hadoop.ipc.Server: Stopping server on 8041

[Thread-1]2012-07-13 20:35:21,076 INFO org.apache.hadoop.ipc.Server: Stopping IPC Server listener on 8041

[IPC Server listener on 8041]2012-07-13 20:35:21,077 INFO org.apache.hadoop.yarn.server.nodemanager.containermanager.logaggregation.LogAggregationService: org.apache.hadoop.yarn.server.nodemanager.containermanager.logaggregation.LogAggregationService waiting for pending aggregation during exit

[Thread-1]2012-07-13 20:35:21,077 INFO org.apache.hadoop.ipc.Server: Stopping IPC Server Responder

[IPC Server Responder]2012-07-13 20:35:21,077 INFO org.apache.hadoop.yarn.service.AbstractService: Service:org.apache.hadoop.yarn.server.nodemanager.containermanager.logaggregation.LogAggregationService is stopped.

Log from one of the crashes is shown, but it does happen among several nodemanagers.