Infrastructure - Bug #1366

cn-orc-1 offline

2011-02-16 15:51 - Dave Vieglais

Status:	Closed	**Start date:**	2011-02-16
Priority:	Urgent	**Due date:**	
Assignee:	Robert Waltz	**% Done:**	100%
Category:	d1_cn_service	**Estimated time:**	0.00 hour
Target version:	Sprint-2011.07		
Milestone:	CCI-0.5	**Story Points:**	
Product Version:	*		

Description

cn-orc-1 was running OK last night, but apparently died shortly after midnight.

Connecting to the root CN service (http://cn-orc-1.dataone.org/cn/) gives a 500 error:

type Exception report

message

description The server encountered an internal error () that prevented it from fulfilling this request.

exception

java.lang.NoClassDefFoundError: org/springframework/context/i18n/LocaleContextHolder
org.springframework.web.context.request.RequestContextListener.requestInitialized(RequestContextListener.java:60)
org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:102)
org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:293)
org.apache.jk.server.JkCoyoteHandler.invoke(JkCoyoteHandler.java:190)
org.apache.jk.common.HandlerRequest.invoke(HandlerRequest.java:291)
org.apache.jk.common.ChannelSocket.invoke(ChannelSocket.java:769)
org.apache.jk.common.ChannelSocket.processConnection(ChannelSocket.java:698)
org.apache.jk.common.ChannelSocket$SocketConnection.runIt(ChannelSocket.java:891)
org.apache.tomcat.util.threads.ThreadPool$ControlRunnable.run(ThreadPool.java:690)
java.lang.Thread.run(Thread.java:662)

Postgress log:

2011-02-15 09:46:53 UTC STATEMENT: INSERT INTO xml_documents (docid, rootnodeid, docname, doctype, user_owner, user_updated, date_created, date_updated, public_access, server_location, rev) VALUES ($1, $2, $3, $4, $5, $6, to_date('2011-02-15', 'YYYY-MM-DD HH24:MI:SS'), to_date('2011-02-15', 'YYYY-MM-DD HH24:MI:SS'), $7, $8, $9)
2011-02-16 00:04:18 UTC LOG: unexpected EOF on client connection
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2011-02-16 00:04:19 UTC LOG: unexpected EOF on client connection
2011-02-16 00:04:19 UTC LOG: unexpected EOF on client connection
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2011-02-16 00:04:19 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:04:27 UTC ERROR:  relation "xml_replication" does not exist at character 65
2011-02-16 00:04:27 UTC STATEMENT:  select server, last_checked, replicate, datareplicate, hub from xml_replication
2011-02-16 00:07:09 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:07:09 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:07:09 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:07:10 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:07:10 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:07:22 UTC ERROR:  relation "xml_replication" does not exist at character 65
2011-02-16 00:07:22 UTC STATEMENT:  select server, last_checked, replicate, datareplicate, hub from xml_replication
2011-02-16 00:07:25 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:07:25 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:07:25 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:07:25 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:07:25 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:07:38 UTC ERROR:  relation "xml_replication" does not exist at character 65
2011-02-16 00:07:38 UTC STATEMENT:  select server, last_checked, replicate, datareplicate, hub from xml_replication
2011-02-16 00:11:08 UTC WARNING:  nonstandard use of \ in a string literal at character 99
2011-02-16 00:11:08 UTC HINT:  Use the escape string syntax for backslashes, e.g., E'\'.
2011-02-16 00:11:08 UTC WARNING:  nonstandard use of \ in a string literal at character 1237
2011-02-16 00:11:08 UTC HINT:  Use the escape string syntax for backslashes, e.g., E'\'.
2011-02-16 00:11:15 UTC WARNING:  nonstandard use of \ in a string literal at character 99
2011-02-16 00:11:15 UTC HINT:  Use the escape string syntax for backslashes, e.g., E'\'.
2011-02-16 00:11:15 UTC WARNING:  nonstandard use of \ in a string literal at character 1237
2011-02-16 00:11:15 UTC HINT:  Use the escape string syntax for backslashes, e.g., E'\'.
2011-02-16 00:11:39 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:11:39 UTC LOG:  unexpected EOF on client connection
2011-02-16 00:17:02 UTC LOG:  unexpected EOF on client connection
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History

#1 - 2011-02-16 16:23 - Dave Vieglais

- Status changed from New to In Progress

- Priority changed from Immediate to Urgent

I went in and restarted tomcat:

/etc/init.d/tomcat6 stop

/etc/init.d/tomcat6 start

and the service appears to be back up. Verifying that all is working again. It is not clear why the service stopped working though.

#2 - 2011-02-18 17:47 - Robert Waltz

- Status changed from In Progress to Closed

- Milestone set to CCI-0.5

I think this was due to user tomcat6 running out of the ability to open files. Max Open Files was set to 1024 for tomcat6. I reset that number to 9000+ upon starting the tomcat6 service. edited /etc/init.d/tomcat6