

Serialization Error when Creating Group



tosborne 14 posts since

Sep 22, 2008

Have run into this problem when trying to create a group on two clustered 2.5.5 instances. Client has two instances of CS 2.5.5. We enabled clustering right after both instances were up and running and both instances see each other.

The first order of business for the client was to create some groups. Any attempt to create a group results in an error. The admin console displays this error:

Clearspace Admin Error

(Wrapped) java.lang.Object

This is what the console/error log shows:

(Wrapped) java.io.NotSerializableException: java.lang.Object

at java.io.ObjectOutputStream.writeObject0(ObjectOutputStream.java:1156)

at java.io.ObjectOutputStream.defaultWriteFields(ObjectOutputStream.java:1509)

at java.io.ObjectOutputStream.writeSerialData(ObjectOutputStream.java:1474)

at java.io.ObjectOutputStream.writeOrdinaryObject(ObjectOutputStream.java:1392)

at java.io.ObjectOutputStream.writeObject0(ObjectOutputStream.java:1150)

at java.io.ObjectOutputStream.defaultWriteFields(ObjectOutputStream.java:1509)

at java.io.ObjectOutputStream.writeSerialData(ObjectOutputStream.java:1474)

Serialization Error when Creating Group

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at java.io.ObjectOutputStream.writeOrdinaryObject(ObjectOutputStream.java:1392)
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at java.io.ObjectOutputStream.writeOrdinaryObject(ObjectOutputStream.java:1392)
at java.io.ObjectOutputStream.writeObject0(ObjectOutputStream.java:1150)
at java.io.ObjectOutputStream.writeObject(ObjectOutputStream.java:326)
at
com.tangosol.util.ExternalizableHelper.writeSerializable(ExternalizableHelper.java:2120)
    at com.tangosol.util.ExternalizableHelper.writeObject(ExternalizableHelper.java:2307)
    at com.tangosol.coherence.component.net.Message.writeObject(Message.CDB:3)
    at
com.tangosol.coherence.component.util.daemon.queueProcessor.service.InvocationService
$InvocationRequest.write(InvocationService.CDB:3)
    at
com.tangosol.coherence.component.util.daemon.queueProcessor.packetProcessor.PacketPublisher.pac
    at
com.tangosol.coherence.component.util.daemon.queueProcessor.packetProcessor.PacketPublisher
$InQueue.add(PacketPublisher.CDB:8)
    at
com.tangosol.coherence.component.util.daemon.queueProcessor.Service.dispatchMessage(Service.CD
    at
com.tangosol.coherence.component.util.daemon.queueProcessor.Service.post(Service.CDB:35)
    at
com.tangosol.coherence.component.util.daemon.queueProcessor.Service.send(Service.CDB:1)
    at
com.tangosol.coherence.component.util.daemon.queueProcessor.Service.poll(Service.CDB:12)
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Serialization Error when Creating Group

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    at
com.tangosol.coherence.component.util.daemon.queueProcessor.Service.poll(Service.CDB:18)

    at
com.tangosol.coherence.component.util.daemon.queueProcessor.service.InvocationService.query(Invoc

    at
com.tangosol.coherence.component.util.safeService.SafeInvocationService.query(SafeInvocationServic

    at
com.jivesoftware.base.coherence.cache.CoherenceClusteredCacheFactory.doSynchronousClusterTask

    at
com.jivesoftware.community.cache.CacheFactory.doSynchronousClusterTask(CacheFactory.java:276)

    at
com.jivesoftware.base.database.DbGroupManager.clearGroupFromCacheCluster(DbGroupManager.jav

    at
com.jivesoftware.base.database.DbGroupManager.update(DbGroupManager.java:244)

    at
com.jivesoftware.base.GroupManagerDelegate.update(GroupManagerDelegate.java:108)

    at
com.jivesoftware.base.proxy.GroupManagerProxy.update(GroupManagerProxy.java:163)

    at
org.apache.jsp.admin.group_002dcreate_jsp._jspService(group_002dcreate_jsp.java:644)
    at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:70)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:717)
    at org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:374)
    at org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:342)
    at org.apache.jasper.servlet.JspServlet.service(JspServlet.java:267)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:717)

    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:290)
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Serialization Error when Creating Group

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    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)
    at org.apache.struts2.dispatcher.FilterDispatcher.doFilter(FilterDispatcher.java:413)
    at
com.jivesoftware.community.web.struts.JiveFilterDispatcher.doFilter(JiveFilterDispatcher.java:101)
    at
org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate(DelegatingFilterProxy.java:236)
    at
org.springframework.web.filter.DelegatingFilterProxy.doFilter(DelegatingFilterProxy.java:167)
    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)
    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)
    at
com.jivesoftware.community.web.filter.SetResponseCharacterEncodingFilter.doFilter(SetResponseChar
    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)
    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)
    at
com.opensymphony.module.sitemesh.filter.PageFilter.parsePage(PageFilter.java:119)
    at com.opensymphony.module.sitemesh.filter.PageFilter.doFilter(PageFilter.java:55)
    at
org.springframework.web.filter.DelegatingFilterProxy.invokeDelegate(DelegatingFilterProxy.java:236)
    at
org.springframework.web.filter.DelegatingFilterProxy.doFilter(DelegatingFilterProxy.java:167)
    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)
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Serialization Error when Creating Group

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    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)

    at
org.apache.struts2.dispatcher.ActionContextCleanUp.doFilter(ActionContextCleanUp.java:99)

    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)

    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)

    at
com.jivesoftware.community.web.filter.JiveDynamicResponseHeaderFilter.doFilter(JiveDynamicResponseHeaderFilter.java:103)

    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)

    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)

    at
com.jivesoftware.community.web.filter.JiveCompressionFilter.doFilter(JiveCompressionFilter.java:103)

    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)

    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)

    at
com.jivesoftware.community.web.filter.SetRequestCharacterEncodingFilter.doFilter(SetRequestCharacterEncodingFilter.java:103)

    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)

    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)

    at com.jivesoftware.util.NoCacheFilter.doFilter(NoCacheFilter.java:66)

    at org.acegisecurity.util.FilterToBeanProxy.doFilter(FilterToBeanProxy.java:98)
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Serialization Error when Creating Group

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    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)

    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)

    at
org.directwebremoting.servlet.DwrWebContextFilter.doFilter(DwrWebContextFilter.java:91)

    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)

    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)

        at com.jivesoftware.base.plugin.PluginFilter.doFilter(PluginFilter.java:75)

    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)

    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)

        at org.acegisecurity.util.FilterChainProxy
$VirtualFilterChain.doFilter(FilterChainProxy.java:265)

    at
com.jivesoftware.community.aaa.JiveAuthenticationTranslationFilter.doFilter(JiveAuthenticationTranslati

        at org.acegisecurity.util.FilterChainProxy
$VirtualFilterChain.doFilter(FilterChainProxy.java:275)

    at
org.acegisecurity.ui.ExceptionTranslationFilter.doFilter(ExceptionTranslationFilter.java:124)

        at org.acegisecurity.util.FilterChainProxy
$VirtualFilterChain.doFilter(FilterChainProxy.java:275)

    at
com.jivesoftware.community.aaa.OpenfireAuthenticationProcessingFilter.doFilter(OpenfireAuthenticatio

        at org.acegisecurity.util.FilterChainProxy
$VirtualFilterChain.doFilter(FilterChainProxy.java:275)
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Serialization Error when Creating Group

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    at
org.acegisecurity.ui.AbstractProcessingFilter.doFilter(AbstractProcessingFilter.java:271)

    at org.acegisecurity.util.FilterChainProxy
$VirtualFilterChain.doFilter(FilterChainProxy.java:275)

    at
com.jivesoftware.community.aaa.SessionTrackingFilter.doFilter(SessionTrackingFilter.java:53)

    at org.acegisecurity.util.FilterChainProxy
$VirtualFilterChain.doFilter(FilterChainProxy.java:275)

    at
org.acegisecurity.context.HttpSessionContextIntegrationFilter.doFilter(HttpSessionContextIntegrationFilter.java:275)

    at org.acegisecurity.util.FilterChainProxy
$VirtualFilterChain.doFilter(FilterChainProxy.java:275)

    at org.acegisecurity.util.FilterChainProxy.doFilter(FilterChainProxy.java:149)

    at org.acegisecurity.util.FilterToBeanProxy.doFilter(FilterToBeanProxy.java:98)

    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)

    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)

    at
com.jivesoftware.community.web.filter.ApplicationStateFilter.doFilter(ApplicationStateFilter.java:145)

    at
org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:235)

    at
org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:206)

    at
org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:233)

    at
org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:191)

    at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:128)
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Serialization Error when Creating Group

```
at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:102)
at
org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:109)
at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:286)
at org.apache.coyote.http11.Http11Processor.process(Http11Processor.java:845)
at org.apache.coyote.http11.Http11Protocol
$Http11ConnectionHandler.process(Http11Protocol.java:583)
at org.apache.tomcat.util.net.JIoEndpoint$Worker.run(JIoEndpoint.java:447)
at java.lang.Thread.run(Thread.java:619)
```

Is there a simple fix for this (i.e. some class didn't implement Serializable?)



[tosborne](#) 14 posts since

Sep 22, 2008 1. **Re: Serialization Error when Creating Group** Dec 24, 2008 12:21 PM

I have run a couple of tests with this. I setup two 2.5.3 instances clustered and tried to create a group which worked perfectly. I then proceeded to clean out the database, set up two instances of 2.5.5 and tried to create a group. Got the same error. I did not have a 2.5.4 war file to test with.

I tried building a new war file, overlaying the JiveObject class and having it implement Serializable. That test failed as well with the same error as above.

The one thing different...the license file is for 2.5.3, but I would think that if that was the problem then it would fail with creating communities etc. I can create communities and blogs and they distribute through the cluster fine.



[Vinh](#) 12,343 posts since

Apr 1, 2008 2. **Re: Serialization Error when Creating Group** Dec 26, 2008 8:28 AM

Serialization Error when Creating Group

Were you using LDAP when you encountered the error in 2.5.5?



[whoiskevin](#) 90 posts since

Jul 23, 2007 3. **Re: Serialization Error when Creating Group** Dec 27, 2008 9:46 AM

I was testing this with Tom. No is the answer. This was tested with two plain 2.5.5 installs.



[Vinh](#) 12,343 posts since

Apr 1, 2008 4. **Re: Serialization Error when Creating Group** Dec 29, 2008 11:05 AM

Thanks. This is logged in our tracker as JIRA ID CS-10359 with a fix date of 2.5.7. The fix sends the group ID through the cluster instead of the group object (since it isn't serializable). I talked to Sean and he said you all were able to resolve the issue already, but I can share the code once it has passed review if you would like to see that.

Thanks,

Vinh



[whoiskevin](#) 90 posts since

Jul 23, 2007 5. **Re: Serialization Error when Creating Group** Dec 30, 2008 5:01 AM

Thanks.

We can watch for the change in 2.5.7



[bretm](#) 69 posts since

Sep 29, 2008 6. **Re: Serialization Error when Creating Group** Jan 15, 2009 8:40 AM

We are about to upgrade from 1.10.x, and we're debating whether to go w/ 2.5.4, or 2.5.6. Can you confirm whether this flaw was introduced with 2.5.5 and is therefore not present in 2.5.4?

Thanks!

Serialization Error when Creating Group



Vinh 12,343 posts since

Apr 1, 2008 7. **Re: Serialization Error when Creating Group** Jan 15, 2009 8:44 AM

Yes, it isn't an issue in 2.5.4, although it's come to my attention that this is fixed in 2.5.6 as well, so I recommend upgrading to that version.