

Infrastructure - Bug #7469

Logon to CN-DEV fails with LDAP error. Unable to add account details.

2015-11-05 15:02 - Dave Vieglais

Status:	Rejected	Start date:	2015-11-05
Priority:	Normal	Due date:	
Assignee:	Ben Leinfelder	% Done:	30%
Category:	d1_portal_servlet	Estimated time:	0.00 hour
Target version:	CCI-2.0.0	Story Points:	
Milestone:	CCI-2.0		
Product Version:	*		

Description

Attempting to logon to cn-dev using the portal application presents the "account details" page, however filling in the additional attributes and clicking register returns to the same page with no account details preserved.

When authenticating, there are many warnings in /var/log/tomcat7/catalina.out, for example:

```
[WARN]: Could not find: CN=Dave Vieglais A335,O=Google,C=US,DC=cilogon,DC=org : in Ldap: [LDAP: error code 32 - No Such Object] [org.dataone.service.cn.impl.v2.CNIdentityLDAPImpl]
```

Then an error:

```
20151105-14:57:13: [ERROR]: Problem looking up entry: CN=Dave Vieglais A335,O=Google,C=US,DC=cilogon,DC=org : [LDAP: error code 32 - No Such Object] [org.dataone.service.cn.impl.v2.CNIdentityLDAPImpl]
javax.naming.NameNotFoundException: [LDAP: error code 32 - No Such Object]; remaining name 'CN=Dave Vieglais A335,O=Google,C=US,DC=cilogon,DC=org'
at com.sun.jndi.ldap.LdapCtx.mapErrorCode(LdapCtx.java:3112)
at com.sun.jndi.ldap.LdapCtx.processReturnCode(LdapCtx.java:3033)
at com.sun.jndi.ldap.LdapCtx.processReturnCode(LdapCtx.java:2840)
at com.sun.jndi.ldap.LdapCtx.c_getAttributes(LdapCtx.java:1332)
at com.sun.jndi.toolkit.ctx.ComponentDirContext.p_getAttributes(ComponentDirContext.java:231)
at com.sun.jndi.toolkit.ctx.PartialCompositeDirContext.getAttributes(PartialCompositeDirContext.java:139)
at com.sun.jndi.toolkit.ctx.PartialCompositeDirContext.getAttributes(PartialCompositeDirContext.java:127)
at javax.naming.directory.InitialDirContext.getAttributes(InitialDirContext.java:142)
at javax.naming.directory.InitialDirContext.getAttributes(InitialDirContext.java:137)
at org.dataone.service.cn.impl.v2.CNIdentityLDAPImpl.getPendingMapIdentity(CNIdentityLDAPImpl.java:1323)
at org.dataone.service.cn.impl.v1.CNIdentityLDAPImpl.getPendingMapIdentity(CNIdentityLDAPImpl.java:179)
at org.dataone.cn.rest.web.identity.v1.IdentityController.getPendingMapIdentity(IdentityController.java:170)
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.web.bind.annotation.support.HandlerMethodInvoker.invokeHandlerMethod(HandlerMethodInvoker.java:176)
at
org.springframework.web.servlet.mvc.annotation.AnnotationMethodHandlerAdapter.invokeHandlerMethod(AnnotationMethodHandlerAdapter.java:436)
at
org.springframework.web.servlet.mvc.annotation.AnnotationMethodHandlerAdapter.handle(AnnotationMethodHandlerAdapter.java:424)
at org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:923)
at org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:852)
at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:882)
at org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:778)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:621)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:722)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:305)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:210)
at org.dataone.cn.rest.filter.PortalCertificateFilter.doFilter(PortalCertificateFilter.java:82)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:243)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:210)
```

```
at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal(CharacterEncodingFilter.java:88)
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilter.java:76)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:243)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:210)
at org.dataone.cn.rest.filter.CNServiceDisableFilter.doFilter(CNServiceDisableFilter.java:78)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFilterChain.java:243)
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain.java:210)
at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:224)
at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:169)
at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.java:472)
at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:168)
at org.apache.catalina.valves.ErrorReportValve.invoke(ErrorReportValve.java:98)
at org.apache.catalina.core.StandardEngineValve.invoke(StandardEngineValve.java:118)
at org.apache.catalina.connector.CoyoteAdapter.service(CoyoteAdapter.java:407)
at org.apache.coyote.ajp.AjpProcessor.process(AjpProcessor.java:200)
at org.apache.coyote.AbstractProtocol$AbstractProtocolHandler.process(AbstractProtocol.java:579)
at org.apache.tomcat.util.net.JIoEndpoint$SocketProcessor.run(JIoEndpoint.java:307)
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:745)
```

History

#1 - 2015-11-06 00:41 - Ben Leinfelder

- Status changed from New to In Progress

- % Done changed from 0 to 30

Adding another stack trace, I see that the authentication is successful and a certificate is in the portal for the user. The problem seems to be when we try to make calls to the CN using libclient proxied as that user.

```
org.dataone.service.exceptions.ServiceFailure: class org.dataone.client.exception.ClientSideException: /Received fatal alert: decrypt_error
at org.dataone.client.rest.HttpMultipartRestClient.doGetRequest(HttpMultipartRestClient.java:339)
at org.dataone.client.rest.HttpMultipartRestClient.doGetRequest(HttpMultipartRestClient.java:318)
at org.dataone.client.v1.impl.MultipartCNode.getSubjectInfo(MultipartCNode.java:1498)
at org.apache.jsp.account_jsp._jspService(account_jsp.java:130)
```

Been trying to track down this decrypt_error but with no luck. I cannot replicate this when making a similar call with libclient running standalone on my machine (using CILogon certificate+key for myself).

I'm also confused why this is only happening on cn-dev and not other environments.

#2 - 2015-11-06 00:52 - Ben Leinfelder

Connecting with curl and openssl are both successful when using a client certificate, as well.

```
openssl s_client -connect cn-dev-ucsb-1.test.dataone.org:443 -cert /tmp/x509up_u503 -CAfile
/Users/leinfelder/workspace/cn-buildout/dataone-cn-os-core/etc/ssl/certs/geotrust_intermediate.crt -no_ssl2 -no_ssl3
```

#3 - 2016-01-04 19:18 - Ben Leinfelder

- Status changed from In Progress to Rejected

Works for me now.