

Infrastructure - Task #7913

Story # 7912 (Closed): Correct issues with CN Portal

Update myproxy libraries used by Portal

2016-10-17 16:08 - Dave Vieglais

Status:	Closed	Start date:	2016-10-17
Priority:	Urgent	Due date:	
Assignee:	Rob Nahf	% Done:	100%
Category:	d1_portal_servlet	Estimated time:	0.00 hour
Target version:	CCI-2.2.3	Story Points:	
Milestone:	None		
Product Version:	*		

Description

Logging in using CILogon is currently broken:

Uh, oh...

There was a problem getting the certificate. Check the server logs...

The stacktrace received was:

```
java.lang.NoClassDefFoundError: sun/security/pkcs/PKCS10
```

Cause: sun/security/pkcs/PKCS10

Message: sun/security/pkcs/PKCS10

This appears to be due to use of a (very) old version of the myproxy client (1.0.7).

The current release is 3.3. The portal and related items need to be updated to regain functionality.

Associated revisions

Revision 18329 - 2016-10-17 17:14 - Rob Nahf

fixes #7913: updated oa4mp dependencies to current.

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Revision 18330 - 2016-10-17 18:02 - Rob Nahf

fixes #7913: fixed problem with missing constants from oa4mp client api in the new versions. declared oa4mp-client-api as a dependency.

Revision 18330 - 2016-10-17 18:02 - Rob Nahf

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Revision 18334 - 2016-10-18 19:52 - Rob Nahf

refs: #7913: need to upgrade the postgres table with two new columns to avoid migration issues.

Revision 18334 - 2016-10-18 19:52 - Rob Nahf

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Revision 18335 - 2016-10-18 23:35 - Rob Nahf

refs: #7913. merging the postgres fix in trunk into the 2.2 branch.

Revision 18335 - 2016-10-18 23:35 - Rob Nahf

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Revision 18336 - 2016-10-18 23:55 - Rob Nahf

refs: #7913. merging oa4mp fix (3.x version of dependency) in trunk into the 2.2 branch.

Revision 18336 - 2016-10-18 23:55 - Rob Nahf

refs: #7913. merging oa4mp fix (3.x version of dependency) in trunk into the 2.2 branch.

Revision 18337 - 2016-10-19 00:06 - Rob Nahf

refs: #7913. merging oa4mp fix (3.x version of dependency) in trunk to the 2.2 branch.

Revision 18337 - 2016-10-19 00:06 - Rob Nahf

refs: #7913. merging oa4mp fix (3.x version of dependency) in trunk to the 2.2 branch.

Revision 18339 - 2016-10-19 21:53 - Rob Nahf

refs: #7913. bumping the version of portal components (to 2.2.1) to go with the recent oa4mp changes.

Revision 18339 - 2016-10-19 21:53 - Rob Nahf

refs: #7913. bumping the version of portal components (to 2.2.1) to go with the recent oa4mp changes.

Revision 18341 - 2016-10-19 22:25 - Rob Nahf

refs: #7913. updating stable build control to name the new portal tag (2.2.1) and the CCI release will be 2.2.3. (there were two earlier patch releases).

Revision 18341 - 2016-10-19 22:25 - Rob Nahf

refs: #7913. updating stable build control to name the new portal tag (2.2.1) and the CCI release will be 2.2.3. (there were two earlier patch releases).

Revision 18342 - 2016-10-19 22:55 - Rob Nahf

refs: #7913. updating stable build control to name the new portal tag (2.2.1)

Revision 18342 - 2016-10-19 22:55 - Rob Nahf

refs: #7913. updating stable build control to name the new portal tag (2.2.1)

Revision 18358 - 2016-10-28 21:08 - Rob Nahf

refs: #7913. bumped patch versions in dataone-cn-portal, d1_portal_servlet, and s1_stable_build_control properties file.

Revision 18358 - 2016-10-28 21:08 - Rob Nahf

refs: #7913. bumped patch versions in dataone-cn-portal, d1_portal_servlet, and s1_stable_build_control properties file.

Revision 18362 - 2016-10-28 22:47 - Rob Nahf

refs: #7913. re-bumped patch versions in dataone-cn-portal, d1_portal_servlet, and s1_stable_build_control properties file, to fix some mistaken elements added to client.xml.

Revision 18362 - 2016-10-28 22:47 - Rob Nahf

refs: #7913. re-bumped patch versions in dataone-cn-portal, d1_portal_servlet, and s1_stable_build_control properties file, to fix some mistaken elements added to client.xml.

History

#1 - 2016-10-17 17:00 - Rob Nahf

- translation missing: en.field_remaining_hours set to 0.0

- % Done changed from 0 to 100

- Status changed from New to Closed

I updated the 2 oa4mp dependencies in d1_portal from 1.0.7 to 3.3.

Notes:

- I had to change the type of the -oath1 dependency to war
- I had to add an extra dependency oa4mp-client-loader-oath1 to get the EnvironmentUtil (or similar) class definition to be found. - It must have migrated to the new package since 1.0.7.
- this package jumped from 1.x to 3.x in the maven repositories (there were no 2.x releases)

#2 - 2016-10-17 18:14 - Rob Nahf

- Estimated time set to 0.00

ClientServlet got rid of these constants, so I had to declare them in the subclass "SuccessServlet" in d1_portal_servlet. (Are these really test classes?)

```
// these used to be constants in ClientServlet, but were refactored
// out between 1.0.7 and 1.1 (no hint of where they might be now, or
// if they are still ok to use...)
public static final String TOKEN_KEY = "oauth_token";
public static final String VERIFIER_KEY = "oauth_verifier";
```

#3 - 2016-10-17 21:11 - Dave Vieglais

- % Done changed from 100 to 30

- Status changed from Closed to In Progress

Reopening this issue after examining installation on cn-sandbox-2.

Might need to get Ben involved as this appears to go deeper than just the lib update.

attempting to logon using CILogon now results in an error message:

Uh, oh...

There was a problem getting the certificate. Check the server logs...

The stacktrace received was:

```
org.postgresql.util.PSQLException: ERROR: column "cert_req" of relation "assets" does not exist
Position: 26
```

Cause: ERROR: column "cert_req" of relation "assets" does not exist Position: 26

Message: ERROR: column "cert_req" of relation "assets" does not exist Position: 26

#4 - 2016-10-17 23:07 - Ben Leinfelder

Jumping up versions probably means the postgres DB needs to be modified to match the newer library.

<http://grid.ncsa.illinois.edu/myproxy/oauth/common/configuration/postgres-store.xhtml>

I'm looking to see if there is a drop-in replacement for:

<https://repository.dataone.org/software/cicore/trunk/cn-buildout/dataone-cn-portal/usr/share/portal/debian/portal-tables.sql>

If not, we can email CILogon (Jeff Gaynor, likely) for guidance.

#5 - 2016-10-17 23:30 - Ben Leinfelder

It's one of the two links on that page.

OA4MP client install script

<http://svn.code.sf.net/p/cilogon/code/tags/latest/client/postgres.sql>

OA4MP OAuth2 client install script

<http://svn.code.sf.net/p/cilogon/code/tags/latest/client/oauth2-postgres.sql>

If you update this in cn-buildout, the install process should drop and recreate the DB with the newer schema.

#6 - 2016-10-18 17:52 - Dave Vieglais

Moved to CCI-2.2.1 release

#7 - 2016-10-18 19:16 - Rob Nahf

a direct way to the problem:

<https://cn-dev-2.test.dataone.org/portal/startRequest?target=/portal/account.jsp>

portal logs to:

/var/log/tomcat7/portal.log.0

#8 - 2016-10-19 00:21 - Rob Nahf

merged trunk changes in d1_portal, d1_portal_servlet, and cn-buildout/dataone-cn-portal into their respective 2.2 branch projects. All three corresponding jenkins-1 jobs ran successfully, so there should be a new debian package that can be picked up for STAGE or SANDBOX deployments (CNs pulling from ubuntu-beta debian channel)

#9 - 2016-10-19 15:52 - Rob Nahf

deployed the new dataone-cn-portal to SANDBOX, and

<https://cn-sandbox.test.dataone.org/portal/startRequest?target=/portal/account.jsp>

now works.

Interesting that the first call after restart shows a significant delay in giving a response. Second call is much, much more prompt in returning. Maybe

there's some lazy initialization going on?

#10 - 2016-10-28 20:14 - Rob Nahf

problems occurred in production deployment due to oa4mp using the (same) default keystore password we use in test environments. When deployed to production, we lost access to the java keystore, and errors were thrown.

The solution is to add a keystore configuration to the client.xml file in d1_portal_servlet.

this explains how:

<http://grid.ncsa.illinois.edu/myproxy/oauth/client/manuals/storage.xhtml>

in WEB-INF/client.xml:

...

#11 - 2016-11-01 15:46 - Dave Vieglais

- % Done changed from 30 to 100

- Status changed from In Progress to Closed