

computing - Bug #2095

Request for access form doesn't work

06/06/2012 12:30 - Jonathan Barber

Status:	Closed	Start date:	06/06/2012
Priority:	Normal	Due date:	
Assignee:	Jonathan Barber	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
Form is at URL http://grid.fe.up.pt:8080/map/form/			
Problem is with authentication component - it relies on a POST to: https://sigarra.up.pt/feup/servicos.validacao?p_login=\$username&p_passwd=\$passwd&p_inst_sigla=FEUP			
which doesn't seem to be available ATM.			
Jorge suggested replacing it with a bind to the LDAP service instead.			

History

#1 - 06/06/2012 12:30 - Jonathan Barber

The file for the JSP is ibmcluster:/opt/map/map-4.5.0/tomcat/webapps/map/form/sendForm.jsp

#2 - 12/06/2012 19:44 - Jonathan Barber

- File *LdapAuth.java* added

Replaced with call to Java routines for JNDI.

Created keystore for LDAPs:

```
cd /opt/map/map-4.5.0
openssl s_client -connect ldap.fe.up.pt:636 </dev/null 2>/dev/null | sed -n '/^-----BEGIN/,/^-----END/ { p }'
> cert.pem
/opt/jdk1.5.0_03/bin/keytool -import -keystore keystore -storepass changeit -noprompt -file cert.pem
rm cert.pem
```

Modified /opt/map/map-4.5.0/mapctl.sh to contain at top of file and restart service:

```
export JAVA_OPTS="-Djavax.net.ssl.trustStore=/opt/map/map-4.5.0/keystore -Djavax.net.ssl.trustStorePassword=changeit"
/opt/map/map-4.5.0/mapctl.sh stop && /opt/map/map-4.5.0/mapctl.sh start)
```

Create *LdapAuth* class for doing ldap bind (see attachment) in file

/opt/map/map-4.5.0/tomcat/webapps/map/WEB-INF/classes/pt/up/fe/LdapAuth.java. Compile with /opt/jdk1.5.0_03/bin/javac *LdapAuth.java*.

Modify /opt/map/map-4.5.0/tomcat/webapps/map/form/sendForm.jsp to use this class instead of calling the shell script, udiff is:

```
--- sendForm.jsp      2007-09-07 12:22:55.000000000 +0100
+++ sendForm_test.jsp  2012-06-12 19:42:34.000000000 +0100
@@ -1,2 +1,4 @@
-<%@ page import="java.util.*, java.text.SimpleDateFormat, java.io.*, javax.mail.*, javax.mail.internet.*, java.lang.*" errorPage="errorpage.jsp"%>
+
+<%@ page
```

```

+ import="java.util.*, java.text.SimpleDateFormat, java.io.*, javax.mail.*, javax.mail.internet.*, java.lang.
*, pt.up.fe.LdapAuth"
+ errorPage="errorpage.jsp"
+%>
@@ -69,3 +71 @@
-String faz = ("/opt/jakarta-tomcat-5/webapps/map/form/auth.sh "+login+" "+pass);
-Process res = java.lang.Runtime.getRuntime().exec(faz);
-DataInputStream s_in = new DataInputStream(res.getInputStream());
+
@@ -73,3 +73 @@
- String ls_str;
- if ((ls_str = s_in.readLine()) != null) {
- //out.println("User autenticado!!!");
+ if ( LdapAuth.authenticate(login, pass) ) {

```

Tested with success.

#3 - 12/06/2012 19:47 - Jonathan Barber

- Status changed from New to Closed

Files

LdapAuth.java	3.09 KB	12/06/2012	Jonathan Barber
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