

Infrastructure - Bug #1203

Metacat ldap authentication slow

2011-01-07 16:02 - Dave Vieglais

Status:	Rejected	Start date:	2011-01-07
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Metacat	Estimated time:	0.00 hour
Target version:		Story Points:	
Milestone:	None		
Product Version:	*		

Description

Metacat appears to issue a large number of LDAP referral requests when authenticating which can take several seconds. This needs to be corrected for Metacat to operate in a CN environment.

Example log output from cn-unm-1:

```
knb 20110107-03:11:29: [WARN]: finish building index for doicd autogen.2011619112649.1 [edu.ucsb.nceas.metacat.IndexingTask]
knb 20110107-03:11:29: [INFO]: AuthLdap.getGroups - caught referral exception:
ldap://directory.piscoweb.org/ou=people,dc=piscoweb,dc=org??sub [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:29: [INFO]: AuthLdap.getGroups - caught referral exception:
ldap://ldap.lternet.edu/o=LTER,dc=ecoinformatics,dc=org??sub [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:29: [INFO]: AuthLdap.getGroups - caught referral exception:
ldap://dataknpsanparks.org/o=SANParks,dc=ecoinformatics,dc=org??sub [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:32: [INFO]: AuthLdap.getGroups - caught referral exception:
ldap://dataknpsanparks.org/o=SAEON,dc=ecoinformatics,dc=org??sub [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:36: [INFO]: AuthLdap.getGroups - caught referral exception:
ldaps://ldap.biodiversityinformatics.amnh.org:636/dc=palmyraresearch,dc=org??sub [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:41: [ERROR]: NamingException when getting referral context. Skipping this referral.
ldap.biodiversityinformatics.amnh.org:636 [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:41: [INFO]: AuthLdap.getGroups - caught referral exception:
ldap://desertdb.bgu.ac.il/o=ilter-israel,dc=ecoinformatics,dc=org??sub [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:41: [INFO]: AuthLdap.getGroups - caught referral exception:
ldap://desertdb.bgu.ac.il/o=ilter-romania,dc=ecoinformatics,dc=org??sub [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:42: [INFO]: AuthLdap.getGroups - caught referral exception:
ldap://desertdb.bgu.ac.il/o=ilter-slovakia,dc=ecoinformatics,dc=org??sub [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:43: [INFO]: AuthLdap.getGroups - caught referral exception:
ldap://desertdb.bgu.ac.il/o=ilter-ukecn,dc=ecoinformatics,dc=org??sub [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:43: [WARN]: AuthLdap.getGroups - The user is in the following groups: [] [edu.ucsb.nceas.metacat.AuthLdap]
knb 20110107-03:11:43: [INFO]: the new session id is : 9DE0CA054AF3822B57FB6022464A70DC
[edu.ucsb.nceas.metacat.AuthSession]
knb 20110107-03:11:43: [INFO]: the new session username : uid=kepler,o=unaffiliated,dc=ecoinformatics,dc=org
[edu.ucsb.nceas.metacat.AuthSession]
knb 20110107-03:11:43: [DEBUG]: MetaCatServlet.handleLoginAction - Store session id 9DE0CA054AF3822B57FB6022464A70DC
which has usernameuid=kepler,o=unaffiliated,dc=ecoinformatics,dc=org into hash in l
ogin method [edu.ucsb.nceas.metacat.MetaCatServlet]
```

History

#1 - 2011-11-23 19:43 - Ben Leinfelder

- Status changed from New to Rejected
- Milestone set to None

This is not a D1 issue in that Metacat LDAP authentication is not used in D1 -- only client certificates.