

SEEK - Bug #1694

Passing auth certificates to EcoGrid services

09/17/2004 02:44 PM - Jing Tao

Status:	Resolved	Start date:	09/17/2004
Priority:	Normal	Due date:	
Assignee:	ben leinfelder	% Done:	0%
Category:	ecogrid	Estimated time:	0.00 hour
Target version:	ecogrid-1.0.0	Spent time:	0.00 hour
Bugzilla-Id:	1694		
Description			
<p>Currently the get and query operation in EcoGridQueryInterfaceLevelOne doesn't have any authentication. It works as an anonymous user, e.g. in metacat it is user - public. It is impossible for the anonymous user to get some private records.</p> <p>Now we already have an authentication interface in ecogrid and it is time to add two new operations - get and query with sessionid (which is obtained from the authentication interface). By those two methods, the client can access some private records in the ecogrid node.</p> <p>Those two methods will be based on the current ones and add a new parameter - sessionid.</p> <p>Do the two operations will be added to EcoGridQueryInterfaceLevelOne interface?</p>			
Related issues:			
Blocks SEEK - Bug #2276: Investigate security facilities for Web Services		New	11/16/2005

History

#1 - 09/17/2004 02:54 PM - Matt Jones

Yes, I think we should modify the level I interface. I also think we should modify the get and query operations to take a sessionid, rather than creating two new operations. In this case, if a client wanted to query anonymously, they would pass a 'null' value for a sessionid. Or I suppose they could be required to login using a reserved username that symbolizes 'anonymous' (e.g., 'public') and that doesn't require a password, then use the resulting sessionid. This would be nice because it would mean a valid session is available for every EcoGrid connection, whether anonymous or authenticated, which makes for a nice place to store and cache things about the session (such as query results) on the server side. I think there are arguments for having anonymous get(id) be separate from authenticated get(id, sessionid), but I think it's better to only have one method.

#2 - 11/29/2005 11:21 AM - Matt Jones

An alternative approach is to pass the GSI credentials in the HTTP header or in the SOAP envelope using e.g. WS-Security standards. This would be an alternative to modifying the individual data access methods. However, we need to remember that at least some of the methods will have only HTTP bindings (not SOAP bindings) for use when transferring large data sets. I'm not sure if WS-Security would meet our needs in this context, but a modified HTTP header might work for all scenarios.

#3 - 11/29/2005 11:47 AM - Matt Jones

Bug [#2276](#) describes the initial research into this that must be completed before we can decide how to pass the certificates to the services.

#4 - 01/17/2008 04:44 PM - ben leinfelder

We've decided to make an entirely NEW service to handle the authenticated versions of the get and query operations:

AuthenticatedQueryService (<http://ecoinformatics.org/authenticatedqueryservice-1.0.0>)
query
get

#5 - 02/15/2008 09:23 AM - ben leinfelder

this has been implemented and deployed as part of ecogrid-1.0.0
and is included in the kepler 1rc1 codebase

#6 - 03/27/2013 02:17 PM - Redmine Admin

Original Bugzilla ID was 1694