

# ETC Minutes - 3/16/2010

Tuesday, March 16, 2010

3:00 PM

## Attendees

- Andy Mitchell (ESDIS)
- Matt Cechini (ECHO Ops)
- Dan Pilone (ECHO)
- Cristina Bories (ECHO)
- Frank Corprew (ECHO Ops)
- Todd Edmands (NSIDC)
- David Korn (NSIDC)
- David Grant (NSIDC)
- Cathy Fowler (NSIDC)
- Doug Fowler (NSIDC)
- Frank Shaffer (NSIDC)
- Amanda Leon (NSIDC)
- Dan Traut (LPDAAC)
- Dawn Siemonsma (LPDAAC)
- Matt Martens (LPDAAC)
- Julie Luebke (LPDAAC)
- Ed Seiler (GSFCS4PA)
- Lindsay Parker (LARC)
- Ben McMurry (ORNL)
- Merlie Hansen (SEDAC)
- Chris Finch (PODAAC)
- Marilyn Drewry (GHRC)
- Jon Pals (ECS)

## Agenda

1. ECHO Operations Status
2. ACL & Group Management (Open discussion)
3. ECHO 10.22 & 10.23 Release Planning
4. ECHO v10 Interface
5. Upcoming Events
  - 3/17/2010 – ECHO Preventative Maintenance (8:00am – 12:00pm)
6. Other Questions

## 1. ECHO Operational Status

The High Availability database hardware was successfully released to Operations last Wednesday during the PM. It was thankfully an uneventful transition. No problems were encountered during the transition. We now have a 3-node database node cluster which greatly improves our fault tolerance to database issues.

The DoS attack continues to affect access to the ECHO system or outbound order connections periodically. Some ECHO data partners have reported that they are seeing issues using PUMP in Partner Test, receiving a "Remote Exception(0) null" error. We believe these errors are related to the DoS activity. We continue to work with NASA network security to get a final resolution to the problem.

- Amanda - NSIDC saw their provider's order dispatching go into a suspended state periodically over the weekend, starting Friday. ECHO will look into the root cause of this and notify NSIDC.

## 2. ACL & Group Management Discussion

Any existing questions or concerns about the new ACL and Group Mgmt functionality were discussed:

- Dan Traut - Working with ACLs in TS2, he is having problems with checking permissions.
  - This is due to incomplete functionality in 10.20. The problems he is having with checking permissions will be resolved in 10.22. In 10.22, a user will be able to check view and order permissions for all items if they are allowed to manage Catalog Item ACLs.

An issue for discussion regarding the new ACLs is that providers using PUMP will only be presented with collection lists which they have visibility to. For instance, when setting option assignments, viewing collection permissions, or creating a new catalog item ACL, a user is presented with a list of collections. This list has historically included all items, however this list will now be filtered based on the list of collections that the user has permissions to view. This will only cause a problem if the user performing these actions does not have visibility to all collections. In most cases, provider users will likely have permissions to view all collections anyway, so they will never see this issue.

- NSIDC - Is ok with this since their users will have visibility to all data.
- No other comments, so the functionality will remain as described.

### **3. ECHO 10.22 & 10.23 Release**

The ECHO 10.22 release has been delayed. In order to allow LPDAAC to continue their testing of the 7.23 release on ECHO 10.20 until they take their release to Ops (4/21/10), ECHO will not change the version of ECHO running in Partner Test. This means that 10.22 will go to Partner Test no earlier than 4/22. 10.23 will then be pushed to Partner Test 10 days later at the beginning of May. 10.23 will continue according to schedule and be released to Operations in the middle of May. This means that the first time that the new ACL and Group Mgmt functionality is effective in Ops will be with the 10.23 release in mid-May.

It is possible that 10.23 will no longer have the old ACL and group methods and service. The removal of these methods is scheduled for 10.23, but may be removed. This will be known for sure by the end of March and will be discussed in the next ETC.

### **4. ECHO v10 Interface**

When ECHO 10.0 was released, the current API services were duplicated from the echo-v9 interface to echo-v10, with very few changes. As changes have been made to the v10 interface, the v9 interface has been kept backwards compatible, where possible. The recent AccessControl and Group2Management services have been implemented only in the v10 API. Now that ECHO 10 has been available for 2 years, we would like consider formally move all usage of the API to the v10 services. At that point, ECHO would be able to consider decommissioning the older API services. In most cases, ECHO Data and Client partners will simply need to rebuild their applications with the new endpoint. Ops would work with each partner individually regarding the transition.

- Marilyn - When will ECHO begin working with providers?
  - Over the next month or so.

### **5. Upcoming Events**

- 3/17/2010 – ECHO Preventative Maintenance (8:00am – 12:00pm)

### **6. Questions/Comments**

- None