

# ETC Minutes - 7/06/2010

Tuesday, July 06, 2010  
3:00 PM

## Attendees

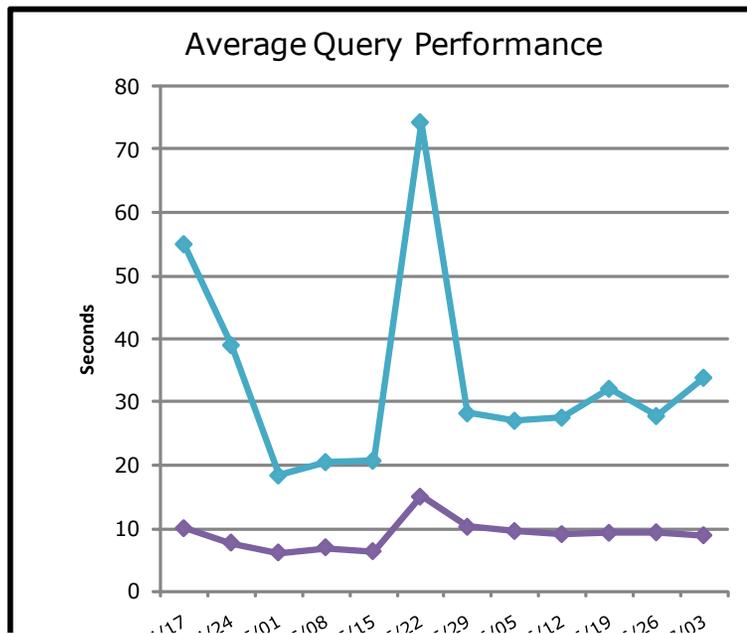
- Matt Cechini (ECHO Ops)
- Frank Corprew (ECHO Ops)
- Linnette Quick (ECHO Ops)
- Andy Mitchell (ESDIS)
- Dave Korn (NSIDC)
- David Grant (NSIDC)
- Amanda Leon (NSIDC)
- Todd Edmands (NSIDC)
- Dan Traut (LPDAAC)
- Matt Martens (LPDAAC)
- Julie Luebke (LPDAAC)
- Dawn Siemonsma (LPDAAC)
- Ed Seiler (GSFCS4PA)
- Merlie Hansen (SEDAC)
- Ben McMurry (ORNL)
- Chris Finch (PODAAC)
- Greg Cates (ASDC)
- Lindsay Parker (ASDC)
- Jon Pals (ECS)
- Marilyn Drewry (GHRC)
- Yuqi Bai

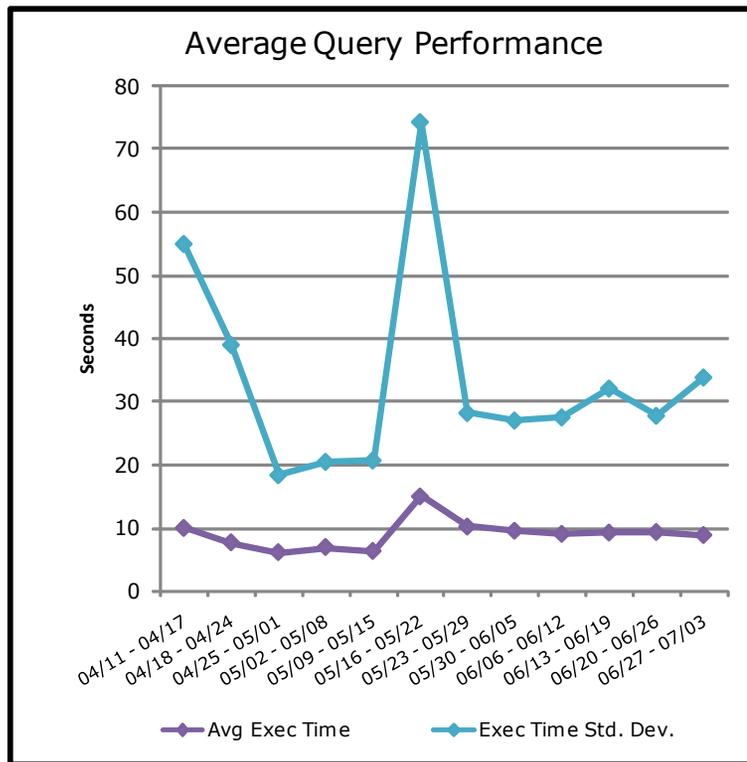
## Agenda

1. ECHO Operations Status
2. 6/22/2010 Degraded Service Event
3. NCR 11005287 - Persistent Collections in ACLs
4. ECHO 10.25, 26, & 27 Release Planning
5. ECHO Status Atom Feed
6. Reverb Release Planning
7. Upcoming Events
8. Other Questions

## 1. ECHO Operational Status

The ECHO Operational System was unavailable on 6/22 from 17:30 - 18:55 EDT and 23:15 - 24:00. A degraded service has been published and will be released. There have been no other service interruptions in the Operational system. The following chart outlines the performance metrics of Operational queries over the past 12 weeks.





## 2. 6/22/2010 Degraded Service Event

The following Degraded Service Event was reviewed during the ETC:

[http://www.echo.nasa.gov/documents/degraded\\_service\\_events/ECHO\\_DSE\\_2010-06-22.pdf](http://www.echo.nasa.gov/documents/degraded_service_events/ECHO_DSE_2010-06-22.pdf). There were no comments.

## 3. NCR 11005287 - Persistent Collections in ACLs

### 4. NCR 11005287 - Persistent Collections in ACLs

- a. An issue (NCR 11005287) was discovered where a legacy ACL capabilities causes issues with the new ACL structure. Per previous ETC discussions, it was decided that an ACL which specifically identified collections should persist those collections to allow for a deletion & re-insertion of a collection without having to re-update the ACL. In the new ACL structure, an ACL may be created with a specific list of applicable collections. If a collection in that ACL's list were to be deleted from the ECHO catalog, the ACL would still reference the deleted collection. This does not cause issues for data discovery, however provider's updating the ACL in PUMP will receive an error were they to edit and save the ACL without removing the deleted collection from the "specified collections" list. We would like to get your feedback regarding an approved resolution. The two initial approaches are the following, however we are open to further suggestions.

1. Modify ECHO to remove deleted catalog items from ACLs explicitly referencing them
2. Modify ECHO/PUMP to return a clearer error message regarding the issue, but leave the functionality as is.

- Currently, it is difficult for providers to may between the ECHO collection GUID reported in PUMP to the collection's dataset\_id or short\_name and version\_id. Data Partners would like to

be presented with the latter items instead of the Collection GUID.

- LARC - Would be ok with having the message changed to include the collection dataset\_id and/or short\_name and version\_id.
- Amanda - Although they initially stated that they were interested in having the ACL updated, NSIDC would like to see the message updated to contain more useful information.
- LPDAAC is in agreement with NSIDC and LARC, though they would be ok if the ACL was automatically updated.

#### 4. ECHO 10.25, 10.26, & 10.27 NCR Review

The following NCRs have been fixed in ECHO **10.25**, scheduled for Operational release on 7/21/2010.

##### ECHO & WIST NCRs

<b>Summary</b>	<b>Number</b>
ECHO Notification email contains address twice in the "To:" field	11004017
Orderable Only queries will not check ACLs or data management rules	11004928
PUMP Provider Order Search incorrectly complains of invalid temporal range	11005061
Make GCMD entry link a popup	11005090
Previous and Next link at top as well as bottom of page	11005091
ACL Reporting in PUMP & API	11005094

The following NCRs have been fixed in ECHO **10.26**, scheduled for Operational release on 8/25/2010.

##### ECHO & WIST NCRs

<b>Summary</b>	<b>Number</b>
Remove Ops activation for SSL Certificates	11005058
Improve SSL certificate validation	11005059
Don't increment order retries with SSL exception	11005098
OpenSearch API Reference Client	11005099
ESIP Granule Page shows stack trace when loaded directly without a dataset.	11005114
EIAT & Ingest Documentation Incorrect on API 404 Page	11005123

##### Reverb NCRs

<b>Summary</b>	<b>Number</b>
As an EMS user, I want to view Reverb metrics so that I can see which pages people view	11005126
As a client user, I want submit UI experience feedback so that I can improve the product	11005127
As a client user, I want to see a consistent look and feel across the application so that it is visually appealing and easy to understand	11005128

As a client user, I want to limit search by manually entering date/times so that I can narrow my results to matching datasets	11005137
As a client user, I want to limit search by manually entering a spatial bounding box so that I can narrow my results to matching datasets	11005138
As a client user, I want to view the results of a dataset search and page through all results	11005209
As a client user, I want to limit my search by dragging a spatial bounding box on a cartesian map so that I can easily find spatial data	11005230

The following NCRs have planned for ECHO **10.27 Sprint 1**, scheduled for Operational release on 8/25/2010.

#### ECHO & WIST NCRs

<b>Summary</b>	<b>Number</b>
Legacy "Role" referenced in API Documentation	11005115
Remove SSL_CERTIFICATE_ACTIVATIONACL	11005116
Update Platform Definition	11005233
ECHO Subscription Survey	11005249
Reverb NCRs	

#### Reverb NCRs

<b>Summary</b>	<b>Number</b>
As an ECHO user, I want to get a user via a REST API so that I can use simple HTTP operations	11005130
As an ECHO user, I want to get a provider via a REST API so that I can use simple HTTP operations	11005174
As an ECHO user, I want to create a token via a REST API so that I can log in to ECHO with my credentials	11005234
As an ECHO user, I want to delete a token via a REST API so that I can logout of ECHO	11005235
As a developer, I want to have rails applications integrate with the target environment properties so it can be customized per deployment	11005289
As a developer, I want to have rails applications integrate with the database properties so it can be customized per deployment	11005290

## 5. ECHO Status Atom Feed

We have received a request for machine parse-able status information, in addition to the emails that are sent to the echo-status-internal mailing list. Our approach is to provide an Atom formatted feed off of the ECHO website. The availability of this status feed would be independent of the ECHO database, kernel, and ingest hosts & software in all modes. The attached xml feed contains a sample

feed which can also be viewed at [http://www.echo.nasa.gov/status\\_feed.atom](http://www.echo.nasa.gov/status_feed.atom). Please review these files and provide any suggestions you have regarding how we can make this more useable. Some initial questions that we have for you are included below. This topic will be discussed at an upcoming ETC.

- What additional information would you like to see?
  - Are there structural changes you would like to see in the XML?
  - Would you like to have a single feed for each mode, or a single feed for all modes?
- Yuqi - Provided information is sufficient regarding the status of ECHO. Would like to see some changes in the XML structure. Preference is to have a single feed for each mode. Would like to see some pre-defined words (e.g. MAINTENANCE, UNPLANNED, DEGRADED). Would like to see it focus more on a machine readable. Ok with subscribing to the feed to determine the status of ECHO.
  - Ed Seiler - No near term plans for using this. Not sure how the ECHO-ESIP client will respond when the API is done. OpenSearch submits a request and would handle the failed messages. Does make sense to give Mirador a mechanism for knowing that the system is down.
  - Yuqi - Atom feed has the advantage of advertising downtime in the client and not needing a "are you there" query to determine ECHO's availability.
  - LPDAAC - Wants to see the date/time presented in the UTC format.

## 6. Reverb Release Planning

The presentation attached to the meeting minutes was reviewed during this telecon.

Reverb is available!! <https://testbed.echo.nasa.gov/testbed>

- Ed Seiler - Will there be HTML based web pages provided for the REST API methods?
  - Yes, and we should see those in an upcoming sprint.
- Marilyn - Will there be any data partner impacts when Reverb is deployed?
  - There will be no changes to how Data Partners interact with Ingest. However, the existing workflows requiring data partner interaction with WIST (Calendar, Data Quality Summaries, Valid, etc) will change for the better.
- Ed Seiler - How are the REST and SOAP interfaces interacting with each other?
  - Currently the REST API is being build on top the SOAP API and will expose a subset of the services. The dependency may change in the future, but that will be out of the scope of the Reverb task.

## 7. Upcoming Events

- 7/7/2010 – Partner Test 10.25 Release
- 7/21/2010 - Operational 10.25 Release

## 8. Questions/Comments

None