

## Infrastructure - Story #7516

### Include standard claim fields in JWT auth token

2015-12-07 20:03 - Ben Leinfelder

<b>Status:</b>	Closed	<b>Start date:</b>	2015-12-07
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Ben Leinfelder	<b>% Done:</b>	100%
<b>Category:</b>	Authentication, Authorization	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	CCI-2.0.2		
<b>Story Points:</b>			

#### Description

Lauren noticed that our "ttl" field was incorrectly using millisecond values, greatly inflating the duration that a token would be considered valid. Upon further research, I see that there are many "registered claim names" that we should probably be using instead of those that were required by the AnnotatorJS library that first led us to use JWTs.

<https://tools.ietf.org/html/rfc7519#section-4.1>

I propose updating our JWT issuing and interpretation code to use these standard fields as well as include the custom fields required by AnnotatorJS.

Note that this is a substantial change even if only a few lines of code will actually be altered.

#### Subtasks:

Task # 7517: Update token generation to include standard claim fields	Closed
Task # 7518: Update token interpretation library to use standard fields	Closed
Task # 7519: Update documentation for clients and services that will utilized auth tokens	Closed
Task # 7520: Update MNs (Metacat) to use newer portal library to correctly interpret au...	Closed
Task # 7521: Update other CN libraries that use the d1_portal token code	Closed

#### History

##### #1 - 2015-12-07 22:03 - Ben Leinfelder

- Status changed from *New* to *In Progress*

- % Done changed from 0 to 30

Mostly done with the development work on this. But should be reviewed when documentation is updated and test server has changes deployed to it.

##### #2 - 2015-12-08 01:05 - Ben Leinfelder

- Status changed from *In Progress* to *Testing*

- % Done changed from 30 to 50

Deploying on cn-sandbox-2 for UI testing. Can do other environments too if needed.

##### #3 - 2015-12-11 23:07 - Ben Leinfelder

- Status changed from *Testing* to *Closed*

- % Done changed from 50 to 100

##### #4 - 2015-12-11 23:26 - Chris Jones

I'd agree that we should include the standard claim names in the tokens. It's nice that they've standardized a bunch of useful fields, and our interoperability will be better if we populate them. +1