Testing MN Management - Task #8349

MNDeployment # 8294 (New): Test Node 2

Story # 8347 (New): Testing & Development

Develop or Implement MN Software

2018-02-08 15:28 - Monica Ihli

Status:	New	**Start date:**	2018-02-08
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
Story Points:			

Description

- Change node's primary MNDeployment ticket status to Testing.

- Identity Management:

    - Confirm what nodeID will be used.
    - Register NCEAS LDAP (https://identity.nceas.ucsb.edu/) because cert download auth is maintained by separate system.
    - Use Use cilogon to generate a DataONE LDAP account by logging into DataONE test env. (Sign-in link at https://search-stage.test.dataone.org)

- DataONE Certificate:

    - Request in #CI for a sandbox or stage D1 certificate generated available to NCEAS uid.
    - Cert/key downloaded by node operator.

For a custom implementation of DataONE APIs as new service:

- MN implements full scope of Member Node APIs.
- API methods systematically verified by D1 tech lead.
- Passes web tester checks (http://mncheck.test.dataone.org:8080)

For a DataONE Software Stack

- Install software, SSL cert, and DataONE cert per installation instructions.
- If using LE cert, schedule cron for renewal.
- Configure software as appropriate (baseURL, Node Contact Subject, replication, etc).

For a SlenderNode:

- Develop adapter.
- Fully test movement of data from source system to target MN software.
- Install on MN web server and schedule cron job. Verify cron is running as expected.

For both:
* Verify system metadata of test records. Ensure correct node URI value in auth/orig MN.
* Verify node description document. Ensure that Contact Subject is set to the DataONE LDAP identity string.