

Infrastructure - Story #3736

CN Consistency Check and CN Recovery

2013-04-26 16:48 - Robert Waltz

Status: Rejected	Start date:
Priority: Urgent	Due date:
Assignee: Robert Waltz	% Done: 92%
Category: d1_process_daemon	Estimated time: 0.00 hour
Target version:	
Story Points:	
Description	
Need custom merge class for HZ (logic to figure out auth sysmeta), check and restore SM consistency; possibly not needed if authority for system metadata is moved to MN	
Data consistency on CN will still be needed if authority is moved to MN. LDAP and Metacat multi-master replication need to be verified. We also require a check that all SM on MNs are in fact represented on the CNs	
May need to check that the CNs are consistent with one another.	
May need to check resource maps to determine if aggregates links are resolvable.	
Subtasks:	
Task # 4183: Evaluate CN to CN system metadata attribute inconsistencies	Closed
Task # 4184: Evaluate CN to CN access policy inconsistencies	Closed
Task # 4185: Develop a CN audit algorithm to recover inconsistent CN states	Rejected
Task # 4179: Testing CN to CN connectivity	Closed
Task # 4213: Evaluate deleted identifiers on each CN	Closed
Task # 4217: System Metadata repair/merge implementation	Closed
Task # 4218: Audit Job Message Listener Implementation	Rejected
Task # 4219: Create WorkingState Class	Closed
Task # 4220: Create WorkflowState Enum	Closed
Task # 4221: Develop AuditJobImpl	Rejected
Task # 4223: Implement the Metacat DAO layer for accessing/updating systemmetadata	Closed
Task # 4226: Audit Message Processing	Rejected
Related issues:	
Related to Infrastructure - Story #3474: Maintain consistency across CN hazel...	Rejected 2013-01-16 2014-03-29
Related to Infrastructure - Bug #3874: Inconsistent object counts across CNs	Closed 2013-07-21 2014-04-12
Related to Infrastructure - Story #4230: CN System Metadata needs tidying	Closed

Associated revisions

Revision 2563f881 - 2013-12-12 19:14 - Robert Waltz

refs #3736

initial import of base packages and some empty classes/interfaces

Revision 13065 - 2013-12-12 19:14 - Robert Waltz

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Revision 1e9e80b3 - 2013-12-19 19:48 - Robert Waltz

refs #3736

adding an interface for repairing data of DataONE

Revision 13099 - 2013-12-19 19:48 - Robert Waltz

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adding an interface for repairing data of DataONE

Revision 5bb524e1 - 2013-12-19 19:50 - Robert Waltz

refs #3736

no need to import a list

Revision 13100 - 2013-12-19 19:50 - Robert Waltz

refs #3736

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refs #3736

no need to import a list

History

#1 - 2013-04-26 17:16 - Robert Waltz

- *Category changed from d1_cn_service to d1_process_daemon*

#2 - 2013-08-15 19:33 - Robert Waltz

- *Description updated*

#3 - 2014-01-06 22:59 - Robert Waltz

- *Target version set to 2014.2-Block.1.1*

- *Due date set to 2014-01-18*

- *Start date set to 2014-01-05*

- *Milestone changed from None to CCI-1.2*

#4 - 2014-03-14 17:43 - Robert Waltz

- *Target version deleted (2014.2-Block.1.1)*

- *Start date deleted (2013-11-18)*

- *Due date deleted (2014-01-18)*

#5 - 2014-07-30 03:24 - Robert Waltz

- *Status changed from New to Rejected*