

Infrastructure - Task #1794

Story # 1793 (Closed): Content checksums need to be verified after transfer

Verify checksums of content transferred during synchronization

2011-09-15 17:28 - Dave Vieglais

Status:	Closed	Start date:	2011-09-15
Priority:	Normal	Due date:	
Assignee:	Robert Waltz	% Done:	100%
Category:	Metacat	Estimated time:	0.00 hour
Target version:	Sprint-2012.07-Block.1.4	Story Points:	
Milestone:	CCI-0.6.4		
Product Version:	*		

Description

Content (science metadata or resource maps) retrieved from a member node during synchronization needs to be verified for byte transfer accuracy before committing the data store. The checksum of the retrieved object should be computed and compared with the checksum reported in the system metadata for the object.

History

#1 - 2011-11-23 20:12 - Ben Leinfelder

- Status changed from New to Closed

During the MN.replicate() call, the target MN will compute the checksum on the object it retrieves from the source MN and throw an exception if they do not match.

Note: this is only performed on inputStreams that support marking otherwise we irreparably use up the stream when computing the checksum.