Infrastructure - Story #1517

CILogon authentication service should be replicated

2011-05-03 19:22 - Matthew Jones

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:	Matthew Jones	**% Done:**	100%
Category:	d1_identity_manager	**Estimated time:**	0.00 hour
Target version:			
Story Points:			

Description

The current CILogon authentication system is hosted on multiple hardware systems in Illinois, but it is a single point of failure if the University internet connection is compromised. We should replicate the CILogon authentication service to provide redundancy. To do this, we would need to install CILogon services at probably one (or all?) Coordinating Nodes, and these would act as a backup in case the CILogon service is down. There would need to be a high degree pf physical security for the machines, but we would still probably issue certificates with a different CA to distinguish them from the current CILogon highly trusted service. For example, we might have a CA called the "CILogon DataONE Replicated Certificate Authority Silver" and one analogous for Basic.

This needs considerably more discussion and design with Jim Basney and Randy Butler before it could be designed and implemented.

History

#1 - 2011-05-03 19:27 - Matthew Jones

- Category set to d1_identity_manager

- Assignee set to Matthew Jones

#2 - 2011-05-03 22:07 - Matthew Jones

- Subject changed from CILogon replication service should be replicated to CILogon authentication service should be replicated

#3 - 2011-08-30 01:54 - Dave Vieglais

- Position set to 26

- Position deleted (67)

#4 - 2012-01-06 04:03 - Dave Vieglais

- Position deleted (114)

- Position set to 12

#5 - 2014-10-02 17:18 - Dave Vieglais

- Milestone set to None

- Status changed from New to Closed

- translation missing: en.field_remaining_hours set to 0.0

Redundancy is being put in place by CILogon at numerous locations.