

Infrastructure - Story #2008

Consistent mechanism for a client to discover a CN for an environment

2011-11-08 03:48 - Dave Vieglais

Status:	Closed	Start date:	
Priority:	Low	Due date:	
Assignee:		% Done:	100%
Category:	Documentation	Estimated time:	0.00 hour
Target version:			
Story Points:			

Description

There is a need for a consistent way to define the root of each environment. Given the Root URL of a DataONE environment, a client can discover all it needs to know to interact with services available there. e.g. For the sandbox environment, a client may connect to "cn-sandbox.dataone.org" which should point to one of the sandbox CN implementations. From that, the client could pull the node registry and discover nodes and services available in that environment.

suggest:

Production: cn.dataone.org (RR DNS pointing to one of cn-ucsb-1, cn-unm-1, or cn-orc-1)

Staging: cn-staging.dataone.org

Sandbox: cn-sandbox.dataone.org

Development: cn-dev.dataone.org

Client instances should take a CN address as a parameter, this would be something that resolves to a CN baseURL, which could be a direct link to a CN, or an indirect link via the RR DNS mechanism.

History

#1 - 2014-03-18 12:47 - Dave Vieglais

- Status changed from New to Closed

- Start date deleted (2011-11-08)

- translation missing: en.field_remaining_hours set to 0.0

This has been the process for while now.