Infrastructure - Task #164

Define and document DNS strategy for naming coordinating nodes and possibly member nodes.

2010-01-13 15:50 - Dave Vieglais

Status:	Closed		**Start date:**	2010-10-06
Priority:	High		**Due date:**	
Assignee:	Dave Vieglais		**% Done:**	100%
Category:	Documentation		**Estimated time:**	0.00 hour
Target version:				
Milestone:	CCI-0.7		**Story Points:**	
Product Version:	*			

Description

Need to document the general strategy for DNS management in [DataONE](#).

Currently we have:

:dataone.org: The D1 plone site
:repository.dataone.org: Source repo
:trac.dataone.org: Trac instance
:list_name@dataone.org: Various mailing lists
:mule*.dataone.org: Temporary slave machine

For CNs, suggest:

:cn.dataone.org: entry to support RRDNS, directing to cn*.dataone.org

:cn*.dataone.org: The coordinating nodes (e.g. cn1, cn2, cn3)

What about dev machines (e.g. the CN development server)?

Do we want to support DNS for member nodes?

Also require:
* contact info for DNS administrators
* configuration of DNS (name server locations, list of records)

History

#1 - 2010-01-13 19:28 - Matthew Jones

The DNS server for [DataONE](#) is currently hosted at NCEAS, with the principal name servers hosted at ns1.nceas.ucsb.edu and ns2.nceas.ucsb.edu.

I think we will want to use a more geographically distributed system for DNS for our production services.

The development coordinating node virtual machine is at:

cn-dev.dataone.org

#2 - 2010-10-06 19:10 - Dave Vieglais

- Status changed from New to Closed

- Target version deleted (CCI-1.0)

- Start date set to 2010-10-06

- Milestone set to CCI-0.7

There is a related activity that needs to be recorded in operations for migrating to multiple DNS servers to avoid single point of failure.

#3 - 2010-10-27 16:05 - Dave Vieglais

- Category changed from 231 to Documentation