

## Infrastructure - Task #164

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

2010-01-13 15:50 - Dave Vieglais

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

**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*