

Member Nodes - Task #5927

MNDeployment # 3708 (Operational): Minnesota Population Center

Task # 5921 (Closed): MPC: Testing

Task # 5922 (Closed): MPC: Registration in environment

Task # 5924 (Closed): MPC: SSL Certificates

MPC: Verify successful installation of server side certificate

2014-07-18 15:30 - Laura Moyers

Status:	Closed	Start date:	2014-07-18
Priority:	Normal	Due date:	
Assignee:	Chris Jones	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	Operational		
Story Points:			
Description			
After notification from the MN that the server side certificate has been installed, verify that it is working correctly.			
Related issues:			
Blocks Member Nodes - Task #5926: MPC: Verify successful installation of clie...		Closed	2014-07-18

History

#1 - 2014-08-04 18:47 - Laura Moyers

- Target version changed from Deploy by end of Y5Q4 to Deploy by end of Y1Q1

#2 - 2014-09-19 17:49 - Chris Jones

- Status changed from New to In Progress

- Assignee set to Chris Jones

We're having trouble successfully connecting to dataone-test.pop.umn.edu. Troubleshooting the server side certificates now.

#3 - 2014-09-19 17:57 - Chris Jones

When connecting to dataone-test.pop.umn.edu over SSL, the connection outside of a browser fails:

```
openssl s_client -connect dataone-test.pop.umn.edu:443 -CAfile addtrustexternalcaroot.crt
```

...

Certificate chain

```
0 s:/C=US/postalCode=55455/ST=MN/L=Minneapolis/street=100 Union Street SE/O=University of Minnesota/OU=College of Liberal Arts/CN=dataone-test.pop.umn.edu
```

i:/C=US/O=Internet2/OU=InCommon/CN=InCommon Server CA

...

Verify return code: 21 (unable to verify the first certificate)

Note that only one certificate is returned in the chain. This usually means that Apache SSL directives are not configured completely. The server needs to return both the server certificate, and the intermediate CA certificates that sign the server certificate up to, and potentially including, the root certificate.

Fabio needs to download the intermediate chain file from the InCommon CA provider, and install that in Apache, then restart Apache.

#4 - 2014-09-29 21:30 - Laura Moyers

- Target version changed from *Deploy by end of Y1Q1* to *Deploy by end of NCTE*

#5 - 2015-01-02 16:42 - Laura Moyers

- Target version changed from *Deploy by end of NCTE* to *Operational*

#6 - 2015-01-28 15:25 - Laura Moyers

- % Done changed from 0 to 100

- translation missing: *en.field_remaining_hours* set to 0

- Status changed from *In Progress* to *Closed*