

D4Science Infrastructure - Task #11313

Activate a LDAP slave at the GARR facility

Feb 27, 2018 02:53 PM - Andrea Dell'Amico

Status:	Closed	Start date:	Feb 27, 2018
Priority:	Urgent	Due date:	
Assignee:	_InfraScience Systems Engineer	% Done:	100%
Category:	System Application	Estimated time:	0.00 hour
Target version:	UnSprintable		
Infrastructure:	Production		
Description			
Some of the recent rstudio problems are attributable to long timeouts in the ldap connections. The local cache is not efficient enough to masque them, so a local ldap instance would be a more robust solution.			

History

#4 - Feb 28, 2018 04:43 PM - Andrea Dell'Amico

hostname and IP: ip-90-147-166-165.ct1.garrservices.it, 90.147.166.165. Private IP: 192.168.100.32

#5 - Feb 28, 2018 04:44 PM - Andrea Dell'Amico

I'm not adding a hostname under the d4science.org domain right now, we cannot wait for a certificate.

#6 - Feb 28, 2018 08:19 PM - Andrea Dell'Amico

- Status changed from New to In Progress

#8 - Mar 01, 2018 11:07 AM - Pasquale Pagano

we have the new domains available for this kind of service. Why don't we use d4science.net? @tommaso.piccioli@isti.cnr.it, can you confirm that we can start using the .net domain?

#9 - Mar 01, 2018 08:10 PM - Andrea Dell'Amico

- % Done changed from 0 to 30

Update: I tried in more than one way to add the consumer configuration to the GARR instance, but without success. I'll try again tomorrow, but the documentation is awful.

#10 - Mar 03, 2018 06:18 PM - Andrea Dell'Amico

- % Done changed from 30 to 50

We have a working replica. I'm now going to reconfigure one of the rstudio servers and check if the setup works.

#11 - Mar 03, 2018 07:20 PM - Andrea Dell'Amico

It works, with start_tls and not SSL, because the certificate does not match the hostname (we are using the private IP address).

#12 - Mar 03, 2018 08:10 PM - Andrea Dell'Amico

I just committed all the configuration templates and tasks needed to setup a provider/consumer configuration. I chose to use the accesslog mode for the replica so that less information is sent to the consumers. That means however that under /var/lib/ldap/accesslog some new dbs are created. They store the changes from the main DB that the consumer uses to synchronise its data.

The accesslog files are checked once a day, and the files older than two days are pruned.

#13 - Mar 03, 2018 08:25 PM - Andrea Dell'Amico

- % Done changed from 50 to 90

I also changed the r_connector playbook so that we can choose the correct parameters for the GARR instances. Next monday I'll distribute the new configurations on all the GARR rstudio servers.

#14 - Mar 05, 2018 03:40 PM - Andrea Dell'Amico

- *Status changed from In Progress to Closed*

- *% Done changed from 90 to 100*

Done. The new ldap server now is used to authenticate all the rstudio GARR instances.