D4Science Infrastructure - Task #8926

Unbound content length for thredds

Jun 13, 2017 10:53 AM - Fabio Sinibaldi

Status:	Closed		**Start date:**	Jun 13, 2017
Priority:	Normal		**Due date:**	
Assignee:	_InfraScience Systems Engineer		**% Done:**	100%
Category:	Other		**Estimated time:**	0.00 hour
Target version:	System Configuration			
Infrastructure:	Development			

Description

In order to support http upload of large files, we need to remove the limitation on http content-length introduced by nginx.

According to http://nginx.org/en/docs/http/ngx_http_core_module.html#client_max_body_size setting the limit to 0 would permit us an unbounded content-length.

Can you please configure nginx on thredds-d-d4s.d4science.org in order to test this settings?

History

#1 - Jun 13, 2017 12:57 PM - Andrea Dell'Amico

- Status changed from New to In Progress

- % Done changed from 0 to 100

Yes, just done.
I'm not sure that disabling it altogether is the right choice, though

#2 - Jun 13, 2017 12:57 PM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

#3 - Jun 13, 2017 01:58 PM - Fabio Sinibaldi

I agree it's quite drastic. Checking on production instance, the larger files are about 10GB, so maybe we can set... 20GB? What do you suggest?

#4 - Jun 13, 2017 02:22 PM - Andrea Dell'Amico

We can set it to 20GB, if we need more we can change it again later. It's a 10 seconds operations that does not stop the service.

#5 - Jun 13, 2017 05:13 PM - Andrea Dell'Amico

- Status changed from Feedback to Closed

preconfigured pre and prod so that nginx will permit uploads up to 20GB. I didn't install the change because nginx is not yet used on those instances.