

## D4Science Infrastructure - Task #3803

### Dev4 portal errors when uploading files larger than 3MB

Apr 27, 2016 04:02 PM - Costantino Perciante

<b>Status:</b>	Closed	<b>Start date:</b>	Apr 27, 2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	_InfraScience Systems Engineer	<b>% Done:</b>	100%
<b>Category:</b>	Other	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	UnSprintable		
<b>Infrastructure:</b>	Development		
<b>Description</b> Using the dev4 portal, when performing two HTTP/POST calls, one of which contains a file larger than 3MB in its body, we get these error messages:  1)413 Request Entity Too Large 2)504 Gateway Time-out  The errors appear when the haproxy is used. There is no error if the server is contacted using the port 9090, that is without using the proxy.			

#### History

##### #1 - Apr 27, 2016 04:36 PM - Andrea Dell'Amico

- Assignee changed from Andrea Dell'Amico to \_InfraScience Systems Engineer

##### #2 - Apr 27, 2016 04:40 PM - Andrea Dell'Amico

- Status changed from New to In Progress

The error comes from the nginx server. The pipeline is haproxy -> nginx -> tomcat.

I'm working to raise the limits.

##### #3 - Apr 27, 2016 04:43 PM - Andrea Dell'Amico

What we want as a maximum size for the file uploads?

##### #4 - Apr 27, 2016 04:54 PM - Costantino Perciante

50 MB would be ok, thanks

##### #5 - Apr 27, 2016 04:58 PM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

- % Done changed from 0 to 100

Done, let me know.

##### #6 - Apr 27, 2016 05:07 PM - Costantino Perciante

I've just tried: I think you have enlarged the maximum size accepted and in fact the 413 Request Entity Too Large no longer appears. However, the second error sometimes arises. Is there any timeout value that can be increased too?

Thanks

##### #7 - Apr 27, 2016 05:13 PM - Andrea Dell'Amico

- Status changed from Feedback to In Progress

Looking at it.

##### #8 - Apr 27, 2016 05:24 PM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

Raised the haproxy timeouts too.

**#9 - Apr 27, 2016 05:36 PM - Costantino Perciante**

- *Status changed from Feedback to Closed*

Now it seems to work, thanks! Of course, we will need to have the same configuration in production

**#10 - Apr 27, 2016 06:00 PM - Andrea Dell'Amico**

Yes. The new infra is not configured at all right now, I think @massimiliano.assante@isti.cnr.it wants to test the tomcat clustering first?