

## D4Science Infrastructure - VM Creation #11439

Task # 11429 (Closed): Upgrade GS development/pre-production instances

### Preproduction GeoServer 2.10.5

Mar 13, 2018 05:42 PM - Fabio Sinibaldi

<b>Status:</b>	Closed	<b>Start date:</b>	Mar 13, 2018
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	_InfraScience Systems Engineer	<b>% Done:</b>	100%
<b>Target version:</b>	SDI-nodes management	<b>Applications list and version:</b>	geoserver 2.10.5 with both spatialite plugin and geoserver-connector
<b>Infrastructure:</b>	Pre-Production	<b>Applications context path:</b>	geoserver
<b>RAM:</b>	8	<b>External storage data disk:</b>	
<b>CPU:</b>	4	<b>Smartgears auth connector:</b>	
<b>DiskSpace:</b>	100	<b>data transfer enabled:</b>	Yes
<b>Smartgears:</b>	Yes	<b>PostgreSQL database:</b>	No
<b>Smartgears Version:</b>	LATEST	<b>Number of VMs:</b>	1
<b>Application Instructions:</b>			
<b>Smartgears scopes:</b>	/gcube /gcube/preprod /gcube/preprod/preVRE		
<b>Description</b>			
<b>Related issues:</b>			
Blocks D4Science Infrastructure - Task #11442: Copy data_dir to new instances			Closed Mar 13, 2018

### History

#### #1 - Mar 13, 2018 06:22 PM - Fabio Sinibaldi

- Blocks Task #11442: Copy data\_dir to new instances added

#### #2 - Mar 14, 2018 08:07 PM - Andrea Dell'Amico

About the DB part: do we need any new database or do we stay with the old ones?

#### #3 - Mar 15, 2018 11:39 AM - Fabio Sinibaldi

We stay with the old ones for now.

#### #4 - Mar 19, 2018 03:53 PM - Andrea Dell'Amico

- Status changed from New to In Progress

Hostname and IP are going to be: geoserver1-t.pre.d4science.org 146.48.123.27

#### #5 - Mar 19, 2018 06:51 PM - Andrea Dell'Amico

- % Done changed from 0 to 90

The server is up. I'm copying the data from geoserver-dev.d4science-ii.research-infrastructures.eu. No DB configuration has been generated.

#### #6 - Mar 19, 2018 07:03 PM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

- % Done changed from 90 to 100

All the data has been copied.

**#7 - Mar 20, 2018 12:45 PM - Fabio Sinibaldi**

This is strange :

I can see from the log lines like "19 Mar 19:09:24 INFO [org.geoserver] - Loaded layer 'geo\_fea\_plateaus'" (grepped "Loaded layer" and found 21858 similar lines)

But I can't see any workspace/store/layer/style in geoserver GUI

(I.E. layer preview <http://geoserver1-t.pre.d4science.org/geoserver/web/wicket/bookmarkable/org.geoserver.web.demo.MapPreviewPage?10>)

Different outcome in geoserver2-d-dev (as tested in [#10957](#)) we can see loaded layers at

<http://geoserver2-d.dev.d4science.org/geoserver/web/wicket/bookmarkable/org.geoserver.web.demo.MapPreviewPage?1>

@vincenzo.terrano@eng.it Did you perform any other task then copying the data directory in geoserver2-d.dev?

**#8 - Mar 20, 2018 12:58 PM - Vincenzo Terrano**

I just replaced the data\_dir folder after setting the user reader gcube.

**#9 - Mar 20, 2018 04:48 PM - Andrea Dell'Amico**

@fabio.sinibaldi@isti.cnr.it did you try to move all the data directory contents up one level, as I wrote in [#11442](#) ?

**#10 - Mar 20, 2018 05:11 PM - Fabio Sinibaldi**

I'm gonna try it now.. it seems strange, 'cause layers seem to be loaded, but it's worth a try since it seems it's the only difference with [#10957](#)

**#11 - Mar 20, 2018 05:43 PM - Fabio Sinibaldi**

I'm having some conflicts. I think geoserver modified the folder structure when it started. Probably copying again the folder from the source geoserver is best. @andrea.dellamico@isti.cnr.it can you do that, please?

**#12 - Mar 20, 2018 05:55 PM - Andrea Dell'Amico**

As I'm out of town until Thursday it's maybe better if you do it by yourself.

Stop the geoserver running in geoserver1-t.pre.d4science.org

Log into geoserver-dev.d4science-ii.research-infrastructures.eu as gcube user and then run:

```
cd /home/gcube/tomcat/webapps/geoserver/data
rsync -av --delete * geoserver1-t.pre.d4science.org:/srv/geoserver_data/data
```

The same for geoserver1-d-d4s.d4science.org if needed

**#13 - Mar 20, 2018 05:59 PM - Fabio Sinibaldi**

ok, thanks a lot.

**#14 - Mar 22, 2018 11:57 AM - Fabio Sinibaldi**

- Status changed from Feedback to Closed

Layers are now correctly displayed.

**#15 - Mar 22, 2018 11:59 AM - Andrea Dell'Amico**

What was the matter? So if we need to copy the geoserver data again, we know how to do it properly.

**#16 - Mar 22, 2018 12:09 PM - Fabio Sinibaldi**

I just restarted the service after performing the rsync, so I'd say the problem was only the wrong destination path of the copy process.