D4Science Infrastructure - VM Creation #11045

FrenchTropicalTunaAtlas dedicated GeoServer

Jan 25, 2018 11:16 AM - Roberto Cirillo

Status:	Closed	**Start date:**	Jan 24, 2018
Priority:	Normal	**Due date:**	
Assignee:	Fabio Sinibaldi	**% Done:**	100%
Target version:	SDI-nodes management		
Infrastructure:	Production	**Applications list and version:**	geoserver 2.10
RAM:	8	**Applications context path:**	geoserver
CPU:	4	**External storage data disk:**	
DiskSpace:	40	**Smartgears auth connector:**	
Smartgears:	Yes	**data transfer enabled:**	Yes
Smartgears Version:	LATEST	**PostgreSQL database:**	Yes
Application Instructions:		**Number of VMs:**	1
Smartgears scopes:	/d4science.research-infrastructures.eu/gCubeApps/FrenchTropicalTunaAtlas		

Description

Dedicated GeoServer is needed in the new FrenchTropicalTunaAtlas VRE.

The expected instance should be similar to geoserver-tunaatlas.d4science.org, so I assume provision might be done cloning said VM, removing SG installation (i.e. gCube user) and perform ansible tasks to reconfigure it..
NB : data spaces need to be cleared as well.

Suggested name : geoserver-french_tunaatlas.d4science.org

Related issues:

Blocks D4Science Infrastructure - VM Creation #11038: FrenchTropicalTunaAtlas...	**Closed**	**Jan 24, 2018**
Copied to D4Science Infrastructure - VM Creation #11299: WECAFC-FIRMS dedicat...	**Closed**	**Feb 23, 2018**

History

#1 - Jan 25, 2018 11:16 AM - Roberto Cirillo

- Copied from VM Creation #11036: SDI_Lab dedicated GeoServer added

#2 - Jan 25, 2018 03:33 PM - Tommaso Piccioli

- Status changed from New to In Progress

VM geoserver-french-tunaatlas.d4science.org running, to be provisioned

(only letters, numbers, '-' and '.' allowed in hostname)

#3 - Jan 25, 2018 05:23 PM - Fabio Sinibaldi

Hi, @julien.barde@ird.fr, @emmanuel.blondel@fao.org.. I need to ask you the same questions as for SDI_Lab VRE provisioning :

1)Do we need to run it behind the load balancer as we to for the tunaatlas services to have URLs like sdi-lab.d4science.org/{geoserver,geonetwork}?

2)The tunaatlas geoserver uses a jndi pool to connect to the database. Do we need to use a pool or a 'standard' connection, configured by the geoserver admin?

#4 - Jan 25, 2018 05:24 PM - Fabio Sinibaldi

- Blocks VM Creation #11038: FrenchTropicalTunaAtlas dedicated GeoNetwork added

#5 - Jan 25, 2018 09:42 PM - Emmanuel Blondel

In that case clusters & load balancing could be useful but for starting a single instance should be ok, load balancing can be setup later if needed.
For JNDI, I don't think so, here it depends if @paul.taconet@ird.fr wants to configure multiple datastore configuration, and if they are strictly needed. If yes, JNDI is required.

#6 - Jan 26, 2018 11:51 AM - Paul Taconet

We have discussed with Emmanuel, and concluded that we need 2 different datastores pointing to the same DB, so we would need the JDNI.
Thanks

#7 - Jan 26, 2018 06:17 PM - Andrea Dell'Amico

- % Done changed from 0 to 50

Provisioning is running.

#8 - Jan 26, 2018 06:29 PM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

- % Done changed from 50 to 100

The geoserver is available at http://geoserver-french-tunaatlas.d4science.org/geoserver
The X509 certificate will be emitted in the next days.

#9 - Jan 26, 2018 06:31 PM - Andrea Dell'Amico

I assumed that the correct scope is /d4science.research-infrastructures.eu/gCubeApps/FrenchTropicalTunaAtlas

#10 - Jan 26, 2018 06:40 PM - Andrea Dell'Amico

- Copied from deleted (VM Creation #11036: SDI_Lab dedicated GeoServer)

#11 - Jan 29, 2018 09:22 AM - Roberto Cirillo

- Smartgears scopes updated

Andrea Dell'Amico wrote:

> I assumed that the correct scope is /d4science.research-infrastructures.eu/gCubeApps/FrenchTropicalTunaAtlas

you are right

#12 - Feb 01, 2018 10:03 AM - Pasquale Pagano

is the certificate still pending?

#13 - Feb 01, 2018 10:25 AM - Tommaso Piccioli

Let's Encrypt certificate is OK, generated January 30, 2018, you can check it
https://geonetwork-french-tunaatlas.d4science.org/

#14 - Feb 05, 2018 03:35 PM - Fabio Sinibaldi

Instance registered in the VRE's IS.
SDI Service can be contacted in order to obtain credentials at : http://sdi.d4science.org/sdi-service/gcube/service/SDI
Documentation available at : https://gcube.wiki.gcube-system.org/gcube/Interaction_with_SDI-Service

#15 - Feb 12, 2018 04:30 PM - Andrea Dell'Amico

- Status changed from Feedback to Closed

#16 - Feb 23, 2018 12:41 PM - Roberto Cirillo

- Copied to VM Creation #11299: WECAFC-FIRMS dedicated GeoServer added

#17 - May 22, 2018 09:59 AM - Paul Taconet

- File Capture du 2018-05-22 09-56-20.png added

- File error_logs added

Hi,
I cannot access the Geoserver logs (see attached image and file). I need to access them to understand why some of the layers are not published.
Do you know where the problem comes from?
Thanks,
Paul

#18 - May 23, 2018 10:49 AM - Pasquale Pagano

- Assignee changed from _InfraScience Systems Engineer to Fabio Sinibaldi

please Fabio look at this issue.

#19 - May 23, 2018 10:53 AM - Emmanuel Blondel

@pasquale.pagano@isti.cnr.it fyi I've asked Paul to create a separate ticket for the same request, as this ticket was already closed.

Files

Capture du 2018-05-22 09-56-20.png	607 KB	May 22, 2018	Paul Taconet
error_logs	14.8 KB	May 22, 2018	Paul Taconet