

## D4Science Infrastructure - Task #9668

### Produce ansible role for GeoNetwork 3.x

Sep 12, 2017 06:13 PM - Fabio Sinibaldi

<b>Status:</b>	Closed	<b>Start date:</b>	Sep 12, 2017
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Andrea Dell'Amico	<b>% Done:</b>	100%
<b>Category:</b>	Other	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	SDI-nodes management		
<b>Infrastructure:</b>	Development, Production		
<b>Description</b> Configuration of GeoNetwork 3 is different from previous versions, so a different rule must be produced. Following are the changes from previous versions' ansible rules.  1. The war (latest version 3.2.2) can be downloaded from <a href="https://sourceforge.net/projects/geonetwork/files/GeoNetwork_opensource/v3.2.2/geonetwork.war/download">https://sourceforge.net/projects/geonetwork/files/GeoNetwork_opensource/v3.2.2/geonetwork.war/download</a> 2. Database can be configured by editing file WEB-INF/config-db/jdbc.properties 3. The file WEB-INF/classes/setup/sql/data/data-db-default.sql initialize the database by inserting configuration settings that should be changed. In particular the following parameters:  <b>HOST DETAILS, values should be provided by VM requester</b> 3.1 "system/site/name" 3.2 "system/site/organization"  <b>VM DETAILS, come from node settings</b> 3.3 "system/server/host" 3.4 "system/server/protocol" 3.5 "system/server/port" 3.6 "system/server/securePort"  <b>SDI support contact still needs to be identified</b> 3.7 "system/feedback/email" 3.8 "system/feedback/mailServer/host" 3.9 "system/feedback/mailServer/username" 3.10 "system/feedback/mailServer/password" 3.11 "system/feedback/mailServer/ssl" 3.12 "system/feedback/mailServer/tls"  <b>Related to VM resources and DB configuration, needs investigation on fine-tuning</b> 3.13 "system/threadedindexing/maxthreads"  <b>Related issues:</b> Blocks D4Science Infrastructure - VM Creation #9702: GeoNetwork 3 dedicated i... <span style="float: right;">Closed Sep 15, 2017</span>			

#### History

#1 - Sep 12, 2017 06:14 PM - Fabio Sinibaldi

- Description updated

#2 - Sep 12, 2017 06:15 PM - Fabio Sinibaldi

- Description updated

#3 - Sep 15, 2017 05:18 PM - Fabio Sinibaldi

- Blocks VM Creation #9702: GeoNetwork 3 dedicated instance for Tuna Atlas added

#4 - Sep 18, 2017 03:03 PM - Andrea Dell'Amico

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

#5 - Sep 18, 2017 06:58 PM - Andrea Dell'Amico

- Status changed from New to In Progress

- % Done changed from 0 to 70

At least config-node/srv.xml needs to be changed with the chosen DB engine.

All the three templates has been changed, there's a last piece that we can manage and it's the default admin user password. We do not have a way to enforce a change after the installation is complete, so we should initialize the service with a password different from the default one.

**#6 - Sep 18, 2017 07:54 PM - Andrea Dell'Amico**

- Status changed from In Progress to Feedback

- % Done changed from 70 to 90

Two points, one of them fixed:

- The sql file changed between the 3.2.1 version installed on dev and the 3.2.2 that was requested, the user table changed a column name from enabled to isenabled and its type is now character(1) and not bool. I fixed my template and now the initialization goes through
- geoserver logs into catalina.out, a log4j.xml configuration must be setup so that it logs properly.

**#7 - Sep 20, 2017 01:29 PM - Andrea Dell'Amico**

Andrea Dell'Amico wrote:

Two points, one of them fixed:

- The sql file changed between the 3.2.1 version installed on dev and the 3.2.2 that was requested, the user table changed a column name from enabled to isenabled and its type is now character(1) and not bool. I fixed my template and now the initialization goes through

We now support the 3.2.1 version too. Just tested on geonetwork2-tunaatlas.d4science.org and the setup goes well.

**#8 - Sep 25, 2017 01:20 PM - Andrea Dell'Amico**

- Status changed from Feedback to Closed

- % Done changed from 90 to 100

- Infrastructure Production added

And we now support the latest in the 3.0 series, 3.0.4.