

D4Science Infrastructure - VM Creation #10927

GeoNetwork 3.2.1 for development environment

Jan 15, 2018 03:47 PM - Fabio Sinibaldi

Status:	Closed	Start date:	Jan 15, 2018
Priority:	Urgent	Due date:	
Assignee:	_InfraScience Systems Engineer	% Done:	100%
Target version:	SDI-nodes management		
Infrastructure:	Development	Applications list and version:	geonetwork 3.2.1
RAM:	2	Applications context path:	geonetwork
CPU:	2	External storage data disk:	
DiskSpace:	10	Smartgears auth connector:	
Smartgears:	Yes	data transfer enabled:	Yes
Smartgears Version:	LATEST	PostgreSQL database:	Yes
Application Instructions:		Number of VMs:	1
Smartgears scopes:	/gcube /gcube/devNext /gcube/devNext/NextNext		
Description			

History

#1 - Jan 15, 2018 07:25 PM - Andrea Dell'Amico

- Status changed from New to In Progress

We are going to reuse geonetwork-sdi.dev.d4science.org

#2 - Jan 16, 2018 12:44 PM - Andrea Dell'Amico

- % Done changed from 0 to 20

#3 - Jan 16, 2018 04:47 PM - Andrea Dell'Amico

- Status changed from In Progress to Feedback

- % Done changed from 20 to 100

The VM is up running geonetwork 3.2.1. No ssl certificate yet.

#4 - Jan 17, 2018 10:29 AM - Fabio Sinibaldi

Instance seems working, but the following exception should be investigated :

```
018-01-16 16:47:05,490 ERROR [org.hibernate.tool.hbm2ddl.SchemaUpdate] - HHH000299: Could not complete schema update
java.lang.NullPointerException
    at org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert(SqlExceptionHelper.java:126)
    at org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert(SqlExceptionHelper.java:112)
    at org.hibernate.tool.hbm2ddl.DatabaseMetadata.getTableMetadata(DatabaseMetadata.java:158)
    at org.hibernate.cfg.Configuration.generateSchemaUpdateScriptList(Configuration.java:1202)
    at org.hibernate.tool.hbm2ddl.SchemaUpdate.execute(SchemaUpdate.java:212)
    at org.hibernate.tool.hbm2ddl.SchemaUpdate.execute(SchemaUpdate.java:178)
    at org.hibernate.internal.SessionFactoryImpl.<init>(SessionFactoryImpl.java:522)
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    at org.hibernate.cfg.Configuration.buildSessionFactory(Configuration.java:1857)
    at org.hibernate.jpa.boot.internal.EntityManagerFactoryBuilderImpl$4.perform(EntityManagerFactoryBuilderImpl.java:850)
    at org.hibernate.jpa.boot.internal.EntityManagerFactoryBuilderImpl$4.perform(EntityManagerFactoryBuilderImpl.java:843)
    at org.hibernate.boot.registry.classloading.internal.ClassLoaderServiceImpl.withTccl(ClassLoaderServiceImpl.java:398)
    at org.hibernate.jpa.boot.internal.EntityManagerFactoryBuilderImpl.build(EntityManagerFactoryBuilderImpl.java:842)
    at org.springframework.orm.jpa.vendor.SpringHibernateJpaPersistenceProvider.createContainerEntityManagerFactory(SpringHibernateJpaPersistenceProvider.java:60)
    at org.springframework.orm.jpa.LocalContainerEntityManagerFactoryBean.createNativeEntityManagerFactory(LocalContainerEntityManagerFactoryBean.java:343)
    at org.springframework.orm.jpa.AbstractEntityManagerFactoryBean.afterPropertiesSet(AbstractEntityManagerFactoryBean.java:318)
    at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1637)
    at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1574)
    at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:545)
    at org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:482)
    at org.springframework.beans.factory.support.AbstractBeanFactory$1.getObject(AbstractBeanFactory.java:306)
    at org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:230)
    at org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:302)
    at org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:197)
    at org.springframework.context.support.AbstractApplicationContext.getBean(AbstractApplicationContext.java:1054)
    at org.springframework.context.support.AbstractApplicationContext.finishBeanFactoryInitialization(AbstractApplicationContext.java:829)
    at org.springframework.context.support.AbstractApplicationContext.refresh(AbstractApplicationContext.java:538)
    at jeeves.config.springutil.JeevesContextLoaderListener.contextInitialized(JeevesContextLoaderListener.java:111)
    at org.apache.catalina.core.StandardContext.listenerStart(StandardContext.java:5010)
    at org.apache.catalina.core.StandardContext.startInternal(StandardContext.java:5504)
    at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:150)
    at org.apache.catalina.core.ContainerBase.addChildInternal(ContainerBase.java:901)
    at org.apache.catalina.core.ContainerBase.addChild(ContainerBase.java:877)
    at org.apache.catalina.core.StandardHost.addChild(StandardHost.java:632)
    at org.apache.catalina.startup.HostConfig.deployDirectory(HostConfig.java:1229)
    at org.apache.catalina.startup.HostConfig$DeployDirectory.run(HostConfig.java:1875)
    at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511)
    at java.util.concurrent.FutureTask.run(FutureTask.java:266)
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624)
    at java.lang.Thread.run(Thread.java:748)

```

Maybe this thread could help :

<https://stackoverflow.com/questions/16431382/error-hhh000299-could-not-complete-schema-update-java-lang-nullpointerexception>

#5 - Jan 17, 2018 02:57 PM - Andrea Dell'Amico

That URL doesn't seem useful. The only references to hbm2ddl are into the log4j configuration, and the DB configuration for these versions of geonetwork is straightforward: the only files that need to be touched are jdbc.properties and WEB-INF/config-node/srv.xml. In the former we put the database server settings and in the latter we tell the service to use postgres with the postgres extension.

I don't remember a similar exception when we tried a 3.2.1 configuration some months ago, btw.

#6 - Feb 17, 2018 01:31 PM - Andrea Dell'Amico

- Status changed from Feedback to Closed