

D4Science Infrastructure - VM Creation #7702

Provide new VM for hosting tabulardata service in devsec VO

Mar 23, 2017 04:51 PM - Roberto Cirillo

Status:	Closed	Start date:	Mar 23, 2017
Priority:	High	Due date:	
Assignee:	_InfraScience Systems Engineer	% Done:	100%
Target version:	Publication in new registry service	Applications list and version:	
Infrastructure:	Development	Applications context path:	
RAM:	2	External storage data disk:	
CPU:	2	Smartgears auth connector:	
DiskSpace:	20	data transfer enabled:	No
Smartgears:	Yes	PostgreSQL database:	Yes
Smartgears Version:		Number of VMs:	
Application Instructions:			
Smartgears scopes:			
Description The new VM should have: • 2 GB RAM • 2 VCPU • java8 it's also need to open the postgres hosted on node7.d.d4science.research-infrastructures.eu for talking with this VM. I suggest to use one of the following hostnames: * tabulardata-devsec.d4science.org * tabulardata-d-d4s.d4science.org			
Related issues: Blocks D4Science Infrastructure - Task #8434: tabular-data-manager service to... ClosedMay 09, 2017 Blocks D4Science Infrastructure - Task #8660: tabular-data-manager service to... ClosedMay 17, 2017			

History

#1 - Mar 23, 2017 05:18 PM - Andrea Dell'Amico

Can we move the postgresql databases on node7.d.d4science.research-infrastructures.eu to postgresql-srv-dev.d4science.org?

#2 - Mar 23, 2017 05:38 PM - Lucio Lelii

yes

#3 - Apr 05, 2017 06:24 PM - Roberto Cirillo

- Priority changed from Normal to High

#4 - Apr 06, 2017 12:05 AM - Pasquale Pagano

- Tracker changed from Task to VM Creation

- RAM set to 2

- CPU set to 2

- DiskSpace set to 20
- Smartgears set to Yes
- data transfer enabled set to No
- PostgreSQL database set to Yes

Please @roberto.cirillo@isti.cnr.it complete the missing information.

#5 - Apr 06, 2017 09:46 AM - Roberto Cirillo

This is a 14 days old ticket (before new rules). I think other info aren't needed because the playbook is already done and I'm ready to run it.

#6 - Apr 06, 2017 11:09 AM - Tommaso Piccioli

Could you please indicate which are the databases that we have to move or copy from node7.d.d4science.research-infrastructures.eu to postgresql-srv-dev.d4science.org?

#7 - Apr 06, 2017 11:32 AM - Tommaso Piccioli

- Status changed from New to In Progress
- % Done changed from 0 to 40

tabulardata-devsec.d4science.org ready, Roberto can check the ansible variables before run the playbook. Anyway I need the info to copy/move the database.

#8 - Apr 06, 2017 11:37 AM - Lucio Lelii

the dbs are Tabulardata and Tabularmetaddata

#9 - Apr 06, 2017 02:57 PM - Roberto Cirillo

- Assignee changed from _InfraScience Systems Engineer to Roberto Cirillo

#10 - Apr 06, 2017 05:00 PM - Roberto Cirillo

- Assignee changed from Roberto Cirillo to _InfraScience Systems Engineer
- % Done changed from 40 to 80

I've a problem with the gcube user. It seems I'm not able to run the stopContainer.sh:

```
gcube@tabulardata-devsec:~$ ./stopContainer.sh
[sudo] password for gcube:
```

could you check please?

#11 - Apr 06, 2017 05:35 PM - Andrea Dell'Amico

How did you run the playbook?

I just run it with the tag d4science to only run the tasks that configure sudo and the security limits, and the following tasks were executed:

```
TASK [../library/roles/d4s_user_services_perms : Install the sudoers config that permits the tomcat user to re
start the service] ***
changed: [tabulardata-devsec.d4science.org]
```

```
TASK [../library/roles/d4s_user_services_perms : Install the README file that explains where the options files
are placed and how start/stop the service] ***
changed: [tabulardata-devsec.d4science.org] => (item=[{'u'jmx_auth_enabled': False, 'u'java_opts': u'', 'u'server
name': u'tabulardata-devsec.d4science.org', 'u'jmx_controlpass
': u'__omit_place_holder__64a7dfe99b5445cbb80765b27732334a07abf631', 'u'jmx_auth_dir': u'/var/lib/tomcat_instan
ces/8000/conf', 'u'app_contexts': [u'whn-manager', u'tabular-d
ata-manager'], 'u'restart_timeout': 300, 'u'other_java_opts': u'', 'u'http_port': 8000, 'u'user_home': u'/home/gcu
be', 'u'jmx_enabled': False, 'u'log_rotation_freq': u'daily', u
'instance_path': u'/home/gcube/tomcat', 'u'shutdown_port': u'-1', 'u'jmx_use_ssl': False, 'u'java_home': u'/usr/l
ib/jvm/java-8-oracle', 'u'ajp_address': u'127.0.0.1', 'u'ajp_po
rt': u'8109', 'u'max_threads': 500, 'u'log_retain': 30, 'u'jmx_port': 8186, 'u'java_gc_opts': u'-XX:+UseConcMarkSw
EEPgc', 'u'access_log_enabled': True, 'u'skip_smartgears': Fals
e, 'u'ajp_enabled': False, 'u'user_shell': u'/bin/bash', 'u'remote_debugging_port': u'8100', 'u'unpack': True, u'r
emote_debugging': False, 'u'http_address': u'0.0.0.0', 'u'defau
lt_conf': True, 'u'jmx_monitorpass': u'__omit_place_holder__64a7dfe99b5445cbb80765b27732334a07abf631', 'u'allowe
d_hosts': [u'0.0.0.0/0'], 'u'autodeploy': False, 'u'jmx_disable
_additional_ports': True, 'u'http_enabled': True, 'u'user': u'gcube'}, u'README'])
```

```
TASK [../library/roles/d4s_user_services_perms : Set the read/write permissions on the tomcat default options files] ***
changed: [tabulardata-devsec.d4science.org] => (item={u'jmx_auth_enabled': False, u'java_opts': u'', u'servername': u'tabulardata-devsec.d4science.org', u'jmx_controlpass': u'__omit_place_holder__64a7dfe99b5445cbb80765b27732334a07abf631', u'jmx_auth_dir': u'/var/lib/tomcat_instances/8000/conf', u'app_contexts': [u'whn-manager', u'tabular-da
ta-manager'], u'restart_timeout': 300, u'other_java_opts': u'', u'http_port': 8000, u'user_home': u'/home/gcube', u'jmx_enabled': False, u'log_rotation_freq': u'daily', u'instance_path': u'/home/gcube/tomcat', u'shutdown_port': u'-1', u'jmx_use_ssl': False, u'java_home': u'/usr/lib/jvm/java-8-oracle', u'ajp_address': u'127.0.0.1', u'ajp_port': u'8109', u'max_threads': 500, u'log_retain': 30, u'jmx_port': 8186, u'java_gc_opts': u'-XX:+UseConcMarkSweepGC', u'access_log_enabled': True, u'skip_smartgears': False, u'ajp_enabled': False, u'user_shell': u'/bin/bash', u'remote_debugging_port': u'8100', u'unpack': True, u'remote_debugging': False, u'http_address': u'0.0.0.0', u'default_conf': True, u'jmx_monitorpass': u'__omit_place_holder__64a7dfe99b5445cbb80765b27732334a07abf631', u'allowed_hosts': [u'0.0.0.0/0'], u'autodeploy': False, u'jmx_disable_additional_ports': True, u'http_enabled': True, u'user': u'gcube'})
```

```
TASK [../library/roles/d4s_user_services_perms : Change the default security limits] ***
changed: [tabulardata-devsec.d4science.org] => (item={u'l_item': u'nofile', u'domain': u'gcube', u'type': u'soft', u'value': 16000})
changed: [tabulardata-devsec.d4science.org] => (item={u'l_item': u'nofile', u'domain': u'gcube', u'type': u'hard', u'value': 16000})
```

When a new node is deployed no tags must be listed, otherwise the provisioning will be partial. If this is the case please run it again.

#12 - Apr 06, 2017 05:36 PM - Andrea Dell'Amico

(I still do not understand why nginx and ssl have been disabled).

#13 - Apr 06, 2017 05:51 PM - Roberto Cirillo

Andrea Dell'Amico wrote:

How did you run the playbook?

I just run it with the tag d4science to only run the tasks that configure sudo and the security limits, and the following tasks were executed:

```
TASK [../library/roles/d4s_user_services_perms : Install the sudoers config that permits the tomcat user to restart the service] ***
changed: [tabulardata-devsec.d4science.org]
```

```
TASK [../library/roles/d4s_user_services_perms : Install the README file that explains where the options files are placed and how start/stop the service] ***
changed: [tabulardata-devsec.d4science.org] => (item=[{u'jmx_auth_enabled': False, u'java_opts': u'', u'servername': u'tabulardata-devsec.d4science.org', u'jmx_controlpass': u'__omit_place_holder__64a7dfe99b5445cbb80765b27732334a07abf631', u'jmx_auth_dir': u'/var/lib/tomcat_instances/8000/conf', u'app_contexts': [u'whn-manager', u'tabular-da
ta-manager'], u'restart_timeout': 300, u'other_java_opts': u'', u'http_port': 8000, u'user_home': u'/home/gcube', u'jmx_enabled': False, u'log_rotation_freq': u'daily', u'instance_path': u'/home/gcube/tomcat', u'shutdown_port': u'-1', u'jmx_use_ssl': False, u'java_home': u'/usr/lib/jvm/java-8-oracle', u'ajp_address': u'127.0.0.1', u'ajp_port': u'8109', u'max_threads': 500, u'log_retain': 30, u'jmx_port': 8186, u'java_gc_opts': u'-XX:+UseConcMarkSweepGC', u'access_log_enabled': True, u'skip_smartgears': False, u'ajp_enabled': False, u'user_shell': u'/bin/bash', u'remote_debugging_port': u'8100', u'unpack': True, u'remote_debugging': False, u'http_address': u'0.0.0.0', u'default_conf': True, u'jmx_monitorpass': u'__omit_place_holder__64a7dfe99b5445cbb80765b27732334a07abf631', u'allowed_hosts': [u'0.0.0.0/0'], u'autodeploy': False, u'jmx_disable_additional_ports': True, u'http_enabled': True, u'user': u'gcube'}, u'README'])
```

```
TASK [../library/roles/d4s_user_services_perms : Set the read/write permissions on the tomcat default options files] ***
changed: [tabulardata-devsec.d4science.org] => (item={u'jmx_auth_enabled': False, u'java_opts': u'', u'servername': u'tabulardata-devsec.d4science.org', u'jmx_controlpass': u'__omit_place_holder__64a7dfe99b5445cbb80765b27732334a07abf631', u'jmx_auth_dir': u'/var/lib/tomcat_instances/8000/conf', u'app_contexts': [u'whn-manager', u'tabular-da
ta-manager'], u'restart_timeout': 300, u'other_java_opts': u'', u'http_port': 8000, u'user_home': u'/home/gcube', u'jmx_enabled': False, u'log_rotation_freq': u'daily', u'instance_path': u'/home/gcube/tomcat', u'shutdown_port': u'-1', u'jmx_use_ssl': False, u'java_home': u'/usr/lib/jvm/java-8-oracle', u'ajp_address': u'127.0.0.1', u'ajp_port': u'8109', u'max_threads': 500, u'log_retain': 30, u'jmx_port': 8186, u'java_gc_opts': u'-XX:+UseConcMarkSweepGC', u'access_log_enabled': True, u'skip_smartgears': False, u'ajp_enabled': False, u'user_shell': u'/bin/bash', u'remote_debugging_port': u'8100', u'unpack': True, u'remote_debugging': False, u'http_address': u'0.0.0.0', u'default
```

```
t_conf': True, u'jmx_monitorpass': u'__omit_place_holder__64a7dfe99b5445cbb80765b27732334a07abf631', u'allowed_hosts': [u'0.0.0.0/0'], u'autodeploy': False, u'jmx_disable_additional_ports': True, u'http_enabled': True, u'user': u'gcube'))
```

```
TASK [../library/roles/d4s_user_services_perms : Change the default security limits] ***
changed: [tabulardata-devsec.d4science.org] => (item={u'l_item': u'nofile', u'domain': u'gcube', u'type': u'soft', u'value': 16000})
changed: [tabulardata-devsec.d4science.org] => (item={u'l_item': u'nofile', u'domain': u'gcube', u'type': u'hard', u'value': 16000})
```

When a new node is deployed no tags must be listed, otherwise the provisioning will be partial. If this is the case please run it again.

I had run it without tag but the first run was fail because there was a problem with snapshot repository. After that I've run it again with the tag "ssh_keys" and not "d4science": this is my mistake. Thanks.

#14 - Apr 06, 2017 05:58 PM - Roberto Cirillo

Andrea Dell'Amico wrote:

(I still do not understand why nginx and ssl have been disabled).

nginx should be enabled... it is running on 80 port while the container is running on 8000 port

#15 - Apr 06, 2017 06:06 PM - Roberto Cirillo

- % Done changed from 80 to 100

the container now is enabled to publish in new registry service

#16 - Apr 07, 2017 11:44 AM - Roberto Cirillo

- Status changed from In Progress to Closed

#18 - May 19, 2017 03:19 PM - Lucio Lelii

- Status changed from Closed to In Progress

- % Done changed from 100 to 90

the backup of the old database is still missing, tabulardata cannot work with it.

#19 - May 19, 2017 03:20 PM - Lucio Lelii

- Blocks Task #8434: tabular-data-manager service to test : tabulardata-devsec.org added

#20 - May 19, 2017 03:22 PM - Lucio Lelii

- Blocks Task #8660: tabular-data-manager service to test : tabulardata-devnext-d.dev.d4science.org added

#21 - Jun 14, 2017 12:21 PM - Andrea Dell'Amico

- Status changed from In Progress to Closed

- % Done changed from 90 to 100

Fixed days ago