

D4Science Infrastructure - Task #5608

Improve OrientDB ansible script

Nov 02, 2016 11:59 AM - Luca Frosini

Status:	Closed	Start date:	Nov 02, 2016
Priority:	Normal	Due date:	
Assignee:	_InfraScience Systems Engineer	% Done:	100%
Category:	Application	Estimated time:	0.00 hour
Target version:	External Tools		
Infrastructure:	Development		
Description Orient DB ansible script should be enhanced with the following features: <ul style="list-style-type: none">• possibility to upgrade hook only (need an orientdb restart)• upgrade selectively different instances• monitor instances with munin-ganglia• enable automatic backup see http://orientdb.com/docs/2.2/Automatic-Backup.html			

History

#1 - Nov 02, 2016 12:34 PM - Luca Frosini

- Status changed from New to In Progress
- % Done changed from 0 to 10

I already made part of the work to implement automatic backup. See commit bfaf045d437b40d143552820f93fcea7b6dcb1ff

#2 - Nov 02, 2016 12:36 PM - Andrea Dell'Amico

- % Done changed from 10 to 60

Luca Frosini wrote:

Orient DB ansible script should be enhanced with the following features:

- possibility to upgrade hook only (need an orientdb restart)

Done. You can call the playbook with the additional '--tags=orientdb_hooks'

- upgrade selectively different instances

I don't know what do you mean with *selectively*. If you mean *serially*, I just changed the playbook to act on one instance at a time.

- monitor instances with munin-ganglia

They are on ganglia already. See

http://monitoring.research-infrastructures.eu/ganglia/?c=D4Science%20Development%20servers&m=load_one&r=hour&s=by%20name&hc=4&mc=2
(we are going towards one cluster for all the dev servers. You can filter by the hostname to get the data of the orientdb servers only).

#3 - Nov 02, 2016 12:56 PM - Luca Frosini

- % Done changed from 60 to 10

I also parametrized the automatic backup configuration file. See rev 7fafb2c2e3041c8c5803bf3b9da42864c1e16470

#4 - Nov 02, 2016 12:59 PM - Luca Frosini

- % Done changed from 10 to 70

Andrea Dell'Amico wrote:

Luca Frosini wrote:

Orient DB ansible script should be enhanced with the following features:

- possibility to upgrade hook only (need an orientdb restart)

Done. You can call the playbook with the additional '--tags=orientdb_hooks'

Can I launch it with the following command?

```
./run.sh orientdb.yml -i inventory/hosts.dev --tags=orientdb_hooks
```

- upgrade selectively different instances

Can I launch it with the following command if I want to decide where

```
./run.sh orientdb.yml -i inventory/hosts.dev -l orientdb01-d-d4s
```

I don't know what do you mean with *selectively*. If you mean *serially*, I just changed the playbook to act on one instance at a time.

- monitor instances with munin-ganglia

They are on ganglia already. See

http://monitoring.research-infrastructures.eu/ganglia/?c=D4Science%20Development%20servers&m=load_one&r=hour&s=by%20name&hc=4&mc=2 (we are going towards one cluster for all the dev servers. You can filter by the hostname to get the data of the orientdb servers only).

Thanks you

#5 - Nov 02, 2016 01:02 PM - Andrea Dell'Amico

Luca Frosini wrote:

Can I launch it with the following command?

```
./run.sh orientdb.yml -i inventory/hosts.dev --tags=orientdb_hooks
```

Yes, correct.

Can I launch it with the following command if I want to decide where

```
./run.sh orientdb.yml -i inventory/hosts.dev -l orientdb01-d-d4s
```

You can always limit to a specific host (or to a specific group). It does not depend by the playbook configuration.

#6 - Nov 02, 2016 02:58 PM - Luca Frosini

- Status changed from In Progress to Closed

- % Done changed from 70 to 100

Andrea Dell'Amico wrote:

Luca Frosini wrote:

Can I launch it with the following command?

```
./run.sh orientdb.yml -i inventory/hosts.dev --tags=orientdb_hooks
```

Yes, correct.

Can I launch it with the following command if I want to decide where

```
./run.sh orientdb.yml -i inventory/hosts.dev -l orientdb01-d-d4s
```

You can always limit to a specific host (or to a specific group). It does not depend by the playbook configuration.

The right command is this:

```
./run.sh orientdb.yml -i inventory/hosts.dev -l orientdb01-d-d4s.d4science.org
```