

## [mdbci] Maria DB Continuous integration tool - Task #7727

### Robust machine cleaning

03.11.2016 11:04 - Mark Zaslavskiy

<b>Status:</b>	Closed	<b>Start date:</b>	03.11.2016
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	Timofey Turenko	<b>% Done:</b>	100%
<b>Category:</b>	mdbci features	<b>Estimated time:</b>	3:00 hours
<b>Sprint/Milestone:</b>	0.9	<b>Spent time:</b>	0:00 hour
<b>Target branch:</b>		<b>Test scenario:</b>	<p><a href="https://github.com/OSLL/mdbci/tree/7727_robust_machine_cleaning">https://github.com/OSLL/mdbci/tree/7727_robust_machine_cleaning</a> <a href="https://github.com/OSLL/mdbci/pull/322">https://github.com/OSLL/mdbci/pull/322</a></p> <p>!! For remove only first match - use flag "-o" as second argument of script and specify provider, if need remove at one provider. Otherwise remove firsts at all providers.</p> <p>Tests cases: 1) Libvirt snapshot's delete: # Up config, create snapshots, run script.</p> <pre>./mdbci --template confs/libvirt_lite.json generate SOME_DIR</pre> <pre>./mdbci up SOME_DIR/node0</pre> <pre>./mdbci snapshot take --path-to-nodes SOME_DIR --node-name node0 --snapshot-name SNAP_NAME</pre> <p># As result, script will delete all snapshots: ./scripts/clean_vms.sh SOME_DIR_node0</p> <p>2) Destroy only first match config of ALL PROVIDERS:</p> <p># Up several configs,take snapshot, run script.<pre>./mdbci --template confs/libvirt_lite.json generate SOME_DIR ./mdbci --template confs/docker_lite.json generate SOME_DIR2</pre><pre>./mdbci up SOME_DIR/node0 ./mdbci up SOME_DIR2/node0</pre><pre>./mdbci snapshot take --path-to-nodes SOME_DIR --node-name node0 --snapshot-name SNAP_NAME</pre><pre>./mdbci snapshot take --path-to-nodes SOME_DIR2 --node-name node0 --snapshot-name SNAP_NAME</pre><p># As result, script will delete first match config of ALL PROVIDERS: ./scripts/clean_vms.sh SOME_DIR -o</p></p>

3) Destroy only first match config of specified provider:

# Up several configs, take snapshot, run script.

```
./mdbci --template confs/libvirt_lite.json  
generate SOME_DIR
```

```
./mdbci --template confs/docker_lite.json  
generate SOME_DIR2
```

```
./mdbci up SOME_DIR/node0
```

```
./mdbci up SOME_DIR2/node0
```

```
./mdbci snapshot take --path-to-nodes  
SOME_DIR --node-name node0  
--snapshot-name SNAP_NAME
```

```
./mdbci snapshot take --path-to-nodes  
SOME_DIR2 --node-name node0  
--snapshot-name SNAP_NAME
```

# As result, script will delete first match config of Libvirt provider:

```
./scripts/clean_vms.sh SOME_DIR -o  
libvirt
```

# SOME\_DIR2\_node0 will still alive.

## Description

- Modify clean\_vms to remove properly configurations that contains snapshots (for Docker/Libvirt)
- Add ability to destroy only one config in clean\_vms (using command line flag of clean\_vms.sh)

=====

12:48] [OBI]

timofey.turenko нам нужно сделать надежную очистку машин. Тпм похоже в случае со снапшотами не всегда destroy сработает. В идеале сделать mdbci destroy, который делает vagrant destroy, а потом если не удалось, то через virsh

[12:48] [OBI]

но можно и просто в clean\_vms добавить очистку машин со снапшотами

[12:50] [OBI]

и еще хорошо бы к clean\_vms добавять опцию удалить только машину с точным именем, а не все машины, имена которых начинаются с заданной строки

## History

### #1 - 08.11.2016 09:33 - Mark Zaslavskiy

- Assignee changed from Alexander Kaluzhny to Ilfat Kinyaev

### #2 - 08.11.2016 09:34 - Mark Zaslavskiy

- Description updated

### #3 - 08.11.2016 17:00 - Ilfat Kinyaev

- Status changed from New to Active / In progress

### #4 - 10.11.2016 08:17 - Ilfat Kinyaev

1. Create snapshot:

```
./mdbci snapshot take
```

Delete:

```
./mdbci snapshot delete
```

( <https://github.com/OSLL/mdbci#commands> )

2. libvirt/ docker (not aws).

Main problem - when configuration is down, lost vagrant files and need delete is with virsh

#### #5 - 12.11.2016 16:06 - Mark Zaslavskiy

- Description updated

#### #6 - 12.11.2016 18:07 - Ilfat Kinyaev

- Estimated time set to 3:00 h

#### #7 - 13.11.2016 20:01 - Ilfat Kinyaev

NOTE: For `libvirt` only!

Problem (from [https://github.com/OSLL/mdbci/blob/integration/scripts/clean\\_vms.sh](https://github.com/OSLL/mdbci/blob/integration/scripts/clean_vms.sh)):

- up libvirt config and take snapshot;
- remove/replace Vagrantfile (not matters, just for future problems)
- try to (DOMAIN - name from `virsh list --name --all`):

```
virsh shutdown DOMAIN
virsh destroy DOMAIN
virsh undefine DOMAIN
```

- take error when undefine, because snapshot

Solution 1:

- delete snapshot manually (SNAPSHOT - early specified snapshot name):

```
virsh snapshot-delete DOMAIN SNAPSHOT
```

- and undefine successfully

Did not see for **docker** yet

#### #8 - 13.11.2016 21:09 - Ilfat Kinyaev

NOTE: `./mdbci` snapshot delete NOT WORKS!

```
vagranttest@
maxscale-jenkins:~/mdbci_kinyaev/mdbci$ ./mdbci snapshot list --path-to-nodes SOME_DIR4 --node-name node0
INFO: MariaDb CI CLI
INFO: mdbci called with: ["snapshot", "list"]
INFO: Checking this machine configuration requirements
INFO: .....NOT IMPLEMENTED YET
INFO: Load Boxes from ./BOXES
INFO: Loaded boxes: 51
INFO: Load AWS config from aws-config.yml
INFO: Load Repos from ./repo.d
INFO: Looking up for repos ./repo.d
INFO: Loaded repos: 752
mdbci_snapshot_test_SOME_DIR4_node0
vagranttest@
maxscale-jenkins:~/mdbci_kinyaev/mdbci$ ./mdbci snapshot delete --path-to-nodes SOME_DIR4 --node-name node0 --
snapshot-name mdbci_snapshot_test_SOME_DIR4_node0
INFO: MariaDb CI CLI
INFO: mdbci called with: ["snapshot", "delete"]
INFO: Checking this machine configuration requirements
INFO: .....NOT IMPLEMENTED YET
INFO: Load Boxes from ./BOXES
INFO: Loaded boxes: 51
INFO: Load AWS config from aws-config.yml
INFO: Load Repos from ./repo.d
INFO: Looking up for repos ./repo.d
INFO: Loaded repos: 752
vagranttest@maxscale-jenkins:~/mdbci_kinyaev/mdbci$ echo $?
0
vagranttest@maxscale-jenkins:~/mdbci_kinyaev/mdbci$ virsh undefine SOME_DIR4_node0
error: Failed to undefine domain SOME_DIR4_node0
error: Requested operation is not valid: cannot delete inactive domain with 1 snapshots

vagranttest@
maxscale-jenkins:~/mdbci_kinyaev/mdbci$ ./mdbci snapshot list --path-to-nodes SOME_DIR4 --node-name node0 INFO
```

```
: MariaDb CI CLI
INFO: mdbci called with: ["snapshot", "list"]
INFO: Checking this machine configuration requirements
INFO: .....NOT IMPLEMENTED YET
INFO: Load Boxes from ./BOXES
INFO: Loaded boxes: 51
INFO: Load AWS config from aws-config.yml
INFO: Load Repos from ./repo.d
INFO: Looking up for repos ./repo.d
INFO: Loaded repos: 752
mdbci_snapshot_test_SOME_DIR4_node0
```

**#9 - 13.11.2016 22:04 - Ilfat Kinyaev**

[https://github.com/OSLL/mdbci/blob/integration/scripts/clean\\_vms.sh](https://github.com/OSLL/mdbci/blob/integration/scripts/clean_vms.sh)

**#10 - 17.11.2016 08:42 - Ilfat Kinyaev**

- % Done changed from 0 to 70
- Test scenario updated

**#11 - 17.11.2016 15:54 - Ilfat Kinyaev**

- Test scenario updated

**#12 - 18.11.2016 10:24 - Ilfat Kinyaev**

- Status changed from Active / In progress to Review
- Assignee changed from Ilfat Kinyaev to Mark Zaslavskiy
- % Done changed from 70 to 100
- Test scenario updated

**#13 - 18.11.2016 10:27 - Ilfat Kinyaev**

- Test scenario updated

**#14 - 22.11.2016 08:51 - Mark Zaslavskiy**

- Status changed from Review to Testing
- Assignee changed from Mark Zaslavskiy to Timofey Turenko

**#15 - 22.11.2016 13:05 - Timofey Turenko**

- Status changed from Testing to Closed