

Setup:

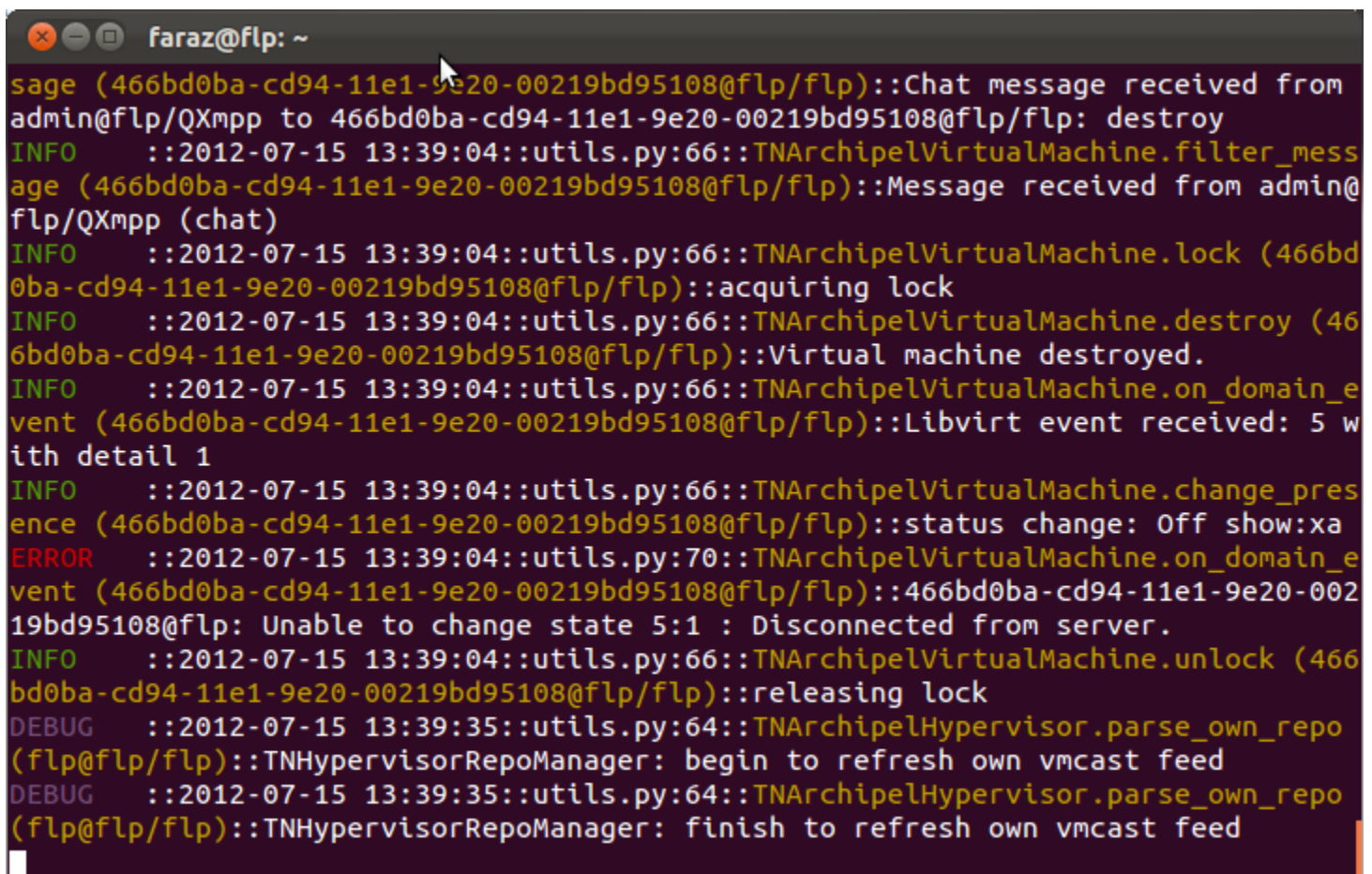
1. `tail -f /var/log/archipel/archipel.log`
2. `virt-manager`
3. `top`
4. `./xmppClient > xmpp_log.txt`
5. `~/ArchipelAgent/archipel-agent/install/bin/runarchipel`

then we start Sending “start” & “destroy” every 1500 milliseconds.

after sending 4 “Start & Destroy Commands” in a row, Archipel stops to respond for seconds.
but still works fine after some seconds.

happening this issue several times suddenly Archipel almost dies! trying to kill cpu as well !

Screenshots: (log files are attached.)

A terminal window titled 'faraz@flp: ~' displays a series of log messages. The logs show a chat message received from 'admin@flp/QXmpp' with the command 'destroy'. This is followed by an INFO message about acquiring a lock, then another INFO message about destroying a virtual machine. Subsequently, there is an INFO message about a Libvirt event, followed by an INFO message about a status change to 'Off'. An ERROR message follows, stating 'Unable to change state 5:1 : Disconnected from server.' This is followed by an INFO message about releasing the lock, and finally two DEBUG messages about refreshing the vmcast feed.

```
faraz@flp: ~
sage (466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)::Chat message received from
admin@flp/QXmpp to 466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp: destroy
INFO      ::2012-07-15 13:39:04::utils.py:66::TNArchipelVirtualMachine.filter_mess
age (466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)::Message received from admin@
flp/QXmpp (chat)
INFO      ::2012-07-15 13:39:04::utils.py:66::TNArchipelVirtualMachine.lock (466bd
0ba-cd94-11e1-9e20-00219bd95108@flp/flp)::acquiring lock
INFO      ::2012-07-15 13:39:04::utils.py:66::TNArchipelVirtualMachine.destroy (46
6bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)::Virtual machine destroyed.
INFO      ::2012-07-15 13:39:04::utils.py:66::TNArchipelVirtualMachine.on_domain_e
vent (466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)::Libvirt event received: 5 w
ith detail 1
INFO      ::2012-07-15 13:39:04::utils.py:66::TNArchipelVirtualMachine.change_pres
ence (466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)::status change: Off show:xa
ERROR     ::2012-07-15 13:39:04::utils.py:70::TNArchipelVirtualMachine.on_domain_e
vent (466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)::466bd0ba-cd94-11e1-9e20-002
19bd95108@flp: Unable to change state 5:1 : Disconnected from server.
INFO      ::2012-07-15 13:39:04::utils.py:66::TNArchipelVirtualMachine.unlock (466
bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)::releasing lock
DEBUG     ::2012-07-15 13:39:35::utils.py:64::TNArchipelHypervisor.parse_own_repo
(flp@flp/flp)::TNHypervisorRepoManager: begin to refresh own vmcast feed
DEBUG     ::2012-07-15 13:39:35::utils.py:64::TNArchipelHypervisor.parse_own_repo
(flp@flp/flp)::TNHypervisorRepoManager: finish to refresh own vmcast feed
```

```
faraz@flp: ~  
top - 13:39:55 up 4:18, 5 users, load average: 0.71, 0.29, 0.19  
Tasks: 203 total, 2 running, 201 sleeping, 0 stopped, 0 zombie  
Cpu(s): 56.0%us, 0.8%sy, 0.0%ni, 41.7%id, 1.0%wa, 0.0%hi, 0.5%si, 0.0%st  
Mem: 4055512k total, 3004796k used, 1050716k free, 231524k buffers  
Swap: 0k total, 0k used, 0k free, 1143892k cached  
  
  PID USER      PR  NI  VIRT  RES  SHR  S  %CPU  %MEM    TIME+  COMMAND  
21840 root        20   0 454m  51m 5740  S   99   1.3   0:54.61 runarchipel  
 1722 faraz       20   0 713m 167m 40m   S    5   4.2  13:48.65 compiz  
 1234 root        20   0 211m  93m 25m   S    3   2.4  12:42.47 Xorg  
 7465 faraz     20   0 531m  45m 13m   S    2   1.1   3:42.93 python  
 2359 faraz     20   0 705m 123m 41m   S    1   3.1   4:16.14 chrome  
 6134 root        20   0 319m  12m 5864  S    1   0.3   2:27.50 libvirtd  
 8948 faraz     20   0 1018m 183m 30m   S    1   4.6   0:45.68 chrome  
 1575 faraz     20   0 28460 4304 868   S    0   0.1   2:36.64 dbus-daemon  
 1758 faraz      9  -11 293m  6848 4168  S    0   0.2   0:15.88 pulseaudio  
 1895 faraz     20   0 399m  51m 11m   S    0   1.3   2:09.50 unity-panel-ser  
 2395 faraz     20   0 1019m 165m 20m   S    0   4.2   1:17.03 chrome
```

Archipel's xmpp Bug Reproducer !

admin@flp :

admin@flp :

Me: 466bd0ba-cd94-11e1-9e20-00219bd95108@flp: hi
466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp :
Hello admin! How are you today?
Me: 466bd0ba-cd94-11e1-9e20-00219bd95108@flp: hello
466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp :
Hello admin! How are you today?
Me: 466bd0ba-cd94-11e1-9e20-00219bd95108@flp: hey
466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp :
Hello admin! How are you today?
Me: 466bd0ba-cd94-11e1-9e20-00219bd95108@flp: start
pubsub.flp :

466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp :
I'm starting.
Me: 466bd0ba-cd94-11e1-9e20-00219bd95108@flp: destroy
pubsub.flp :

466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp :
I've destroyed myself.
Me: 466bd0ba-cd94-11e1-9e20-00219bd95108@flp: chetori to ?!
466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp :
I'm sorry, I've not understood what you mean. You can type
'help' to get all command I understand.

start
destroy

Delay:
1000

Add Command :

Start

Clear

To: 466bd0ba-cd94-11e1-9e20-00219bd95108@flp

Send

Archipel's log : (important lines)

104:

```
[32mINFO [0m::2012-07-15 13:34:34::utils.py:66::[33mTNArchipelVirtualMachine.create_hook  
(466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)[0m::HOOK: creating hook with name  
HOOK_ARCHIPELENTITY_XMPP_DISCONNECTED
```

179:

```
[32mINFO [0m::2012-07-15 13:34:35::utils.py:66::[33mTNArchipelVirtualMachine.create_hook  
(304aa3d4-cd98-11e1-9e20-00219bd95108@flp/flp)[0m::HOOK: creating hook with name  
HOOK_ARCHIPELENTITY_XMPP_DISCONNECTED
```

284:

```
[32mINFO [0m::2012-07-15 13:34:35::utils.py:66::[33mTNArchipelVirtualMachine.create_hook  
(509a2d44-cd98-11e1-9e20-00219bd95108@flp/flp)[0m::HOOK: creating hook with name  
HOOK_ARCHIPELENTITY_XMPP_DISCONNECTED
```

386:

```
[32mINFO [0m::2012-07-15 13:34:35::utils.py:66::[33mTNArchipelVirtualMachine.create_hook  
(599cc078-cd98-11e1-9e20-00219bd95108@flp/flp)[0m::HOOK: creating hook with name  
HOOK_ARCHIPELENTITY_XMPP_DISCONNECTED
```

492:

```
[32mINFO [0m::2012-07-15 13:34:35::utils.py:66::[33mTNArchipelVirtualMachine.create_hook  
(e70e0488-cd9a-11e1-9e20-00219bd95108@flp/flp)[0m::HOOK: creating hook with name  
HOOK_ARCHIPELENTITY_XMPP_DISCONNECTED
```

610:

```
[32mINFO [0m::2012-07-15 13:34:36::utils.py:66::[33mTNArchipelVirtualMachine.create_hook  
(0157f650-cd9b-11e1-9e20-00219bd95108@flp/flp)[0m::HOOK: creating hook with name  
HOOK_ARCHIPELENTITY_XMPP_DISCONNECTED
```

870:

```
[31mERROR [0m::2012-07-15 13:38:06::utils.py:70::[33mTNArchipelVirtualMachine.loop (466bd0ba-cd94-11e1-  
9e20-00219bd95108@flp/flp)[0m::LOOP EXCEPTION : Disconnected from server. Trying to reconnect in 5 seconds.
```

871:

```
[31mERROR [0m::2012-07-15 13:38:06::utils.py:70::[33mTNArchipelVirtualMachine.loop (466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)[0m::TRACEBACK: ['Traceback (most recent call last):\n', ' File "/usr/local/lib/python2.7/dist-packages/archipel_core-0.5.0beta-py2.7.egg/archipelcore/archipelEntity.py", line 1180, in loop\nself.xmppclient.Process(3)\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/dispatcher.py", line 303, in dispatch\n handler['func'](session, stanza)\n', ' File "/usr/local/lib/python2.7/dist-packages/archipel_core-0.5.0beta-py2.7.egg/archipelcore/archipelEntity.py", line 930, in process_message\n conn.send(reply)\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/dispatcher.py", line 367, in send\n self._owner_send(stanza)\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/transport.py", line 195, in send\n self._owner.disconnected()\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/client.py", line 129, in disconnected\n for i in self.disconnect_handlers: i()\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/client.py", line 137, in DisconnectHandler\n raise IOError('Disconnected from server.\\')\n', 'IOError: Disconnected from server.\\n']
```

927:

```
[31mERROR [0m::2012-07-15 13:38:15::utils.py:70::[33mTNArchipelVirtualMachine.loop (466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)[0m::LOOP EXCEPTION : Disconnected from server. Trying to reconnect in 5 seconds.
```

928:

```
[31mERROR [0m::2012-07-15 13:38:15::utils.py:70::[33mTNArchipelVirtualMachine.loop (466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)[0m::TRACEBACK: ['Traceback (most recent call last):\n', ' File "/usr/local/lib/python2.7/dist-packages/archipel_core-0.5.0beta-py2.7.egg/archipelcore/archipelEntity.py", line 1180, in loop\nself.xmppclient.Process(3)\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/dispatcher.py", line 303, in dispatch\n handler['func'](session, stanza)\n', ' File "/usr/local/lib/python2.7/dist-packages/archipel_core-0.5.0beta-py2.7.egg/archipelcore/archipelEntity.py", line 930, in process_message\n conn.send(reply)\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/dispatcher.py", line 367, in send\n self._owner_send(stanza)\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/transport.py", line 195, in send\n self._owner.disconnected()\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/client.py", line 129, in disconnected\n for i in self.disconnect_handlers: i()\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/client.py", line 137, in DisconnectHandler\n raise IOError('Disconnected from server.\\')\n', 'IOError: Disconnected from server.\\n']
```

1110:

```
[31mERROR [0m::2012-07-15 13:38:36::utils.py:70::[33mTNArchipelVirtualMachine.loop (466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)[0m::LOOP EXCEPTION : Disconnected from server. Trying to reconnect in 5 seconds.
```

1111:

```
[31mERROR [0m::2012-07-15 13:38:36::utils.py:70::[33mTNArchipelVirtualMachine.loop (466bd0ba-cd94-11e1-9e20-00219bd95108@flp/flp)[0m::TRACEBACK: ['Traceback (most recent call last):\n', ' File "/usr/local/lib/python2.7/dist-packages/archipel_core-0.5.0beta-py2.7.egg/archipelcore/archipelEntity.py", line 1180, in loop\nself.xmppclient.Process(3)\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/dispatcher.py", line 303, in dispatch\n handler['func'](session, stanza)\n', ' File "/usr/local/lib/python2.7/dist-packages/archipel_core-0.5.0beta-py2.7.egg/archipelcore/archipelEntity.py", line 930, in process_message\n conn.send(reply)\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/dispatcher.py", line 367, in send\n self._owner_send(stanza)\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/transport.py", line 195, in send\n self._owner.disconnected()\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/client.py", line 129, in disconnected\n for i in
```

```
self.disconnect_handlers: i())\n', ' File "/usr/local/lib/python2.7/dist-packages/xmpppy-0.5.0rc1-py2.7.egg/xmpp/  
client.py", line 137, in DisconnectHandler\n    raise IOError('\Disconnected from server.\')\n', 'IOError: Disconnected  
from server.\n']
```

1370:

```
[31mERROR [0m::2012-07-15 13:39:04::utils.py:70::[33mTNArchipelVirtualMachine.on_domain_event (466bd0ba-  
cd94-11e1-9e20-00219bd95108@flp/flp)[0m::466bd0ba-cd94-11e1-9e20-00219bd95108@flp: Unable to change  
state 5:1 : Disconnected from server.
```