

## Klever - Feature #8662

### Workaround authentication issues

01/14/2018 04:09 PM - Evgeny Novikov

<b>Status:</b>	Closed	<b>Start date:</b>	01/14/2018
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Ilya Zakharov	<b>% Done:</b>	0%
<b>Category:</b>	Scheduling	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0		
<b>Published in build:</b>			

#### Description

Alexey Khoroshilov observed several times a strange issue when at several instances during several minutes request `get_jobs_and_tasks` failed with the following exception:

```
2018-01-12 21:07:39,240 (__init__.py:484) root ERROR> An error occurred:
Traceback (most recent call last):
  File "/home/debian/klever/scheduler/bin/./schedulers/__init__.py", line 180, in launch
    server_state = self.server.exchange(scheduler_state)
  File "/home/debian/klever/scheduler/bin/./server/bridge.py", line 50, in exchange
    ret = self.session.json_exchange("service/get_jobs_and_tasks/", data)
  File "/home/debian/klever/scheduler/bin/./utils/bridge.py", line 168, in json_exchange
    response = self.__request(endpoint, 'POST', json_data, looping=looping)
  File "/home/debian/klever/scheduler/bin/./utils/bridge.py", line 95, in __request
    'Got error "{0}" when send "{1}" request to "{2}"'.format(self.error, method, url))
utils.bridge.BridgeError: Got error "You are not signing in" when send "POST" request to "http://localhost:8998/service/get_jobs_and_tasks/"
2018-01-12 21:07:39,255 (__init__.py:131) root ERROR> Uncaught exception
Traceback (most recent call last):
  File "/home/debian/klever/scheduler/bin/./schedulers/__init__.py", line 180, in launch
    server_state = self.server.exchange(scheduler_state)
  File "/home/debian/klever/scheduler/bin/./server/bridge.py", line 50, in exchange
    ret = self.session.json_exchange("service/get_jobs_and_tasks/", data)
  File "/home/debian/klever/scheduler/bin/./utils/bridge.py", line 168, in json_exchange
    response = self.__request(endpoint, 'POST', json_data, looping=looping)
  File "/home/debian/klever/scheduler/bin/./utils/bridge.py", line 95, in __request
    'Got error "{0}" when send "{1}" request to "{2}"'.format(self.error, method, url))
utils.bridge.BridgeError: Got error "You are not signing in" when send "POST" request to "http://localhost:8998/service/get_jobs_and_tasks/"
```

During handling of the above exception, another exception occurred:

```
Traceback (most recent call last):
  File "/home/debian/klever/scheduler/bin/native-scheduler", line 38, in <module>
    scheduler_impl.launch()
  File "/home/debian/klever/scheduler/bin/./schedulers/__init__.py", line 485, in launch
    self.terminate()
  File "/home/debian/klever/scheduler/bin/./schedulers/native.py", line 283, in terminate
    self.server.submit_nodes(configurations, looping=False)
  File "/home/debian/klever/scheduler/bin/./server/bridge.py", line 86, in submit_nodes
    self.session.json_exchange("service/update_nodes/", data, looping=looping)
  File "/home/debian/klever/scheduler/bin/./utils/bridge.py", line 168, in json_exchange
    response = self.__request(endpoint, 'POST', json_data, looping=looping)
  File "/home/debian/klever/scheduler/bin/./utils/bridge.py", line 95, in __request
    'Got error "{0}" when send "{1}" request to "{2}"'.format(self.error, method, url))
utils.bridge.BridgeError: Got error "You are not signing in" when send "POST" request to "http://localhost:8998/service/update_nodes/"
```

I didn't find out causes of this issue. So, I suppose to implement a trivial workaround like with bad zip archives - to log the issue and to re-authenticate Native Scheduler and its workers.

Perhaps Core and its components also suffer from this issue. So, there is some sense to implement the same workaround for them

in advance as well.

**Related issues:**

Related to Klever - Feature #7894: Bypass issues with badly uploaded ZIP arch...	<b>Closed</b>	<b>01/24/2017</b>
Related to Klever - Bug #8387: Repeat requests resulting in bad ZIP archive e...	<b>Closed</b>	<b>08/25/2017</b>

**History****#1 - 01/14/2018 04:09 PM - Evgeny Novikov**

- Related to Feature #7894: Bypass issues with badly uploaded ZIP archives added

**#2 - 01/14/2018 04:09 PM - Evgeny Novikov**

- Related to Bug #8387: Repeat requests resulting in bad ZIP archive error in Bridge or delivering bad ZIP archives added

**#3 - 01/15/2018 04:05 PM - Ilja Zakharov**

- Status changed from New to Resolved

Fixed in 8662-authentication.

**#4 - 01/16/2018 10:32 AM - Evgeny Novikov**

- Status changed from Resolved to Closed

I tested the branch a bit and merged it to master in [8d597d7a](#).