

D4Science Infrastructure - Task #11700

DataMiner - check svn status on Production

Apr 24, 2018 05:56 PM - Giancarlo Panichi

Status:	Closed	Start date:	Apr 24, 2018
Priority:	Normal	Due date:	
Assignee:	Andrea Dell'Amico	% Done:	100%
Category:	Application	Estimated time:	0.00 hour
Target version:	DataMiner Service - Error		
Infrastructure:	Production		
Description			
<p>I noticed that the DataMiner service in production are not updating the algorithms. It looks like there are problems with svn update:</p> <pre>gcube@dataminer2-p-d4s:~/wps_algorithms/algorithms/prod\$ svn update svn: E155004: Run 'svn cleanup' to remove locks (type 'svn help cleanup' for details) svn: E155004: Working copy '/home/gcube/wps_algorithms/algorithms/prod' locked. svn: E155004: '/home/gcube/wps_algorithms/algorithms/prod' is already locked.</pre> <p>this should resolve with a: svn cleanup on all services as root.</p> <p>Please, can you check the status of these DataMiner. Thanks</p>			

History

#1 - Apr 24, 2018 06:11 PM - Andrea Dell'Amico

- Status changed from New to Closed

- % Done changed from 0 to 100

Someone operated the svn repository as root - again - on that dataminer:

```
ls -la /home/gcube/wps_algorithms/algorithms/prod/.svn/pristine/8f/8ff54281eb2a58fbb66db4c09b9da7efc51dcd3a.sv
n-base
-rw-r--r-- 1 root root 100416 Apr  5 15:05 /home/gcube/wps_algorithms/algorithms/prod/.svn/pristine/8f/8ff5428
1eb2a58fbb66db4c09b9da7efc51dcd3a.svn-base
```

And I'm really pissed off by this behaviour, not that anybody minds.

The /home/gcube/wps_algorithms_install_log/algorithms_updater_cron.log contains the details:

```
$ cat /home/gcube/wps_algorithms_install_log/algorithms_updater_cron.log
svn: E000013: Can't remove file '/home/gcube/wps_algorithms/algorithms/prod/.svn/pristine/8f/8ff54281eb2a58fbb
66db4c09b9da7efc51dcd3a.svn-base': Permission denied
svn: E155004: Run 'svn cleanup' to remove locks (type 'svn help cleanup' for details)
svn: E155004: Working copy '/home/gcube/wps_algorithms/algorithms/prod' locked.
svn: E155004: '/home/gcube/wps_algorithms/algorithms/prod' is already locked.
```

The file with suffix .svn-base must be manually removed, as root, to fix the procedure. Every error other than an algorithm installation failure is reported in that file, on every dataminer instance.

#2 - Apr 24, 2018 07:10 PM - Giancarlo Panichi

- File DataMinerProdError.xlsx added

- Status changed from Closed to In Progress

- % Done changed from 100 to 60

I have made a check and it seems that this error is present on many production machines always with the same date.
So, I have the doubt that it is not just a human error.
In the file some machines I tested.

#3 - Apr 24, 2018 07:18 PM - Andrea Dell'Amico

The provisioning of that part always happens as gcube user. The relevant tasks are:

```
- block:
  - name: Install the subversion packages
    become_user: root
    apt: pkg=subversion state=present update_cache=yes cache_valid_time=1800

  - name: Create a directory where to install the algorithms directory
    file: path={{ smartgears_user_home }}/wps_algorithms/algorithms state=directory
    tags: [ 'tomcat', 'dataminer', 'wps', 'dataminer_algorithms', 'dataminer_algorithms_svn' ]

  - name: Download the WPS algorithms from subversion
    subversion: repo={{ dataminer_wps_algorithms_svn }} dest={{ smartgears_user_home }}/wps_algorithms/algorithms/{{ dataminer_infra_reference }} checkout=yes force=yes update=yes
    tags: [ 'tomcat', 'dataminer', 'wps', 'dataminer_algorithms', 'dataminer_algorithms_svn' ]

become: True
become_user: '{{ smartgears_user }}'
tags: [ 'tomcat', 'dataminer', 'wps', 'dataminer_algorithms', 'dataminer_algorithms_installer' ]
```

In no way that damage could have been done by the provisioning.

#4 - Apr 24, 2018 07:24 PM - Andrea Dell'Amico

- Status changed from In Progress to Closed
- % Done changed from 60 to 100

I forced a chown -R gcube:gcube /home/gcube/wps_algorithms/algorithms on all the production dataminers.

Files

DataMinerProdError.xlsx	9.45 KB	Apr 24, 2018	Giancarlo Panichi
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