

Proposition for update MyInstaller eWL tool

Based on: MySQL 5.7.X Installation

Output from MyInstaller:

```
20170411_11:39:14 39967          Installation MYSQL SUCCESS
20170411_11:39:14 39967 End main::getTail()
20170411_11:39:14 39967 sub launchUpdatePriv - /usr/bin/mysql --user=root -
-password='XXXXXXX' -S /var/run/mysql/mysql_MYPWTS01B.sock <
/MYADMTTOOLS/MYINSTALLER/MyInstall_Template/update_privileges-v1_0_0_NG.sql

20170411_11:39:14 39967 Begin main::doSystem()
Warning: Using a password on the command line interface can be insecure.
ERROR 1064 (42000) at line 57: You have an error in your SQL syntax; check
the manual that corresponds to your MySQL server version for the right
syntax to use near '--DROP USER root@'localhost'' at line 1
20170411_11:39:14 39967          Update privileges [FAILED]
20170411_11:39:14 39967 End main::doSystem()
20170411_11:39:14 39967 End main::launchUpdatePriv()
20170411_11:39:14 39967 Begin main::launchCreatMyperf()
20170411_11:39:14 39967 Begin main::parseCnf()
20170411_11:39:14 39967 sub launchCreatMyperf - $dir_distrib:/usr
20170411_11:39:14 39967 sub launchCreatMyperf - /usr/bin/mysql -S
/var/run/mysql/mysql_MYPWTS01B.sock -usa -pXXXXXXX <
/MYADMTTOOLS/MYINSTALLER/MyInstall_Template/create_myperf-v1_0_0_NG

20170411_11:39:14 39967 Begin main::doSystem()
sh: /MYADMTTOOLS/MYINSTALLER/MyInstall_Template/create_myperf-v1_0_0_NG: No
such file or directory
20170411_11:39:14 39967          Create myperf table [FAILED]
20170411_11:39:14 39967 End main::doSystem()
20170411_11:39:14 39967 End main::launchCreatMyperf()
20170411_11:39:14 39967 Begin main::launchSecureScript()
20170411_11:39:14 39967 Begin main::parseCnf()
20170411_11:39:14 39967 sub launchSecureScript - $dir_distrib:/usr
20170411_11:39:14 39967 sub launchSecureScript - /usr/bin/mysql -S
/var/run/mysql/mysql_MYPWTS01B.sock -usa -pXXXXXXX <
/MYADMTTOOLS/MYINSTALLER/MyInstall_Template/Security_Mysql.sql

20170411_11:39:14 39967 Begin main::doSystem()
Warning: Using a password on the command line interface can be insecure.
ERROR 1045 (28000): Access denied for user 'sa'@'localhost' (using
password: YES)
20170411_11:39:14 39967          Secure Mysql Installation [FAILED]
20170411_11:39:14 39967 End main::doSystem()
20170411_11:39:14 39967 End main::launchSecureScript()
20170411_11:39:14 39967 Main program - $nbsrv:0
20170411_11:39:14 39967 No other existing Mysql server before MYPWTS01B
20170411_11:39:14 39967 Begin main::mkCreatCrontab()
20170411_11:39:14 39967 Begin main::tagReplace()
20170411_11:39:14 39967 sub tagReplace -
$dir:/MYADMTTOOLS/MYINSTALLER/MyInstall_Template
```

```
20170411_11:39:14 39967 sub tagReplace -  
$model:/template.crontab.tools.v4.1.4.temp
```

=====

Step by step with explanation and solution:

1)

```
20170411_11:39:14 39967 sub launchUpdatePriv - /usr/bin/mysql --user=root -  
-password='XXXXXXX' -S /var/run/mysql/mysql_MYPWTS01B.sock <  
/MYADMTTOOLS/MYINSTALLER/MyInstall_Template/update_privileges-v1_0_0_NG.sql  
20170411_11:39:14 39967 Begin main::doSystem()  
Warning: Using a password on the command line interface can be insecure.  
ERROR 1064 (42000) at line 57: You have an error in your SQL syntax; check  
the manual that corresponds to your MySQL server version for the right  
syntax to use near '--DROP USER root@'localhost'' at line 1  
20170411_11:39:14 39967 Update privileges [FAILED]  
20170411_11:39:14 39967 End main::doSystem()  
20170411_11:39:14 39967 End main::launchUpdatePriv()
```

User has been created, but we receive false communicate with script error.

The reason is not proper comment mark in file: update_privileges-v1_0_0_NG.sql

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual  
that corresponds to your MySQL server version for the right syntax to use  
near '--DROP USER root@'localhost'' at line 1  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual  
that corresponds to your MySQL server version for the right syntax to use  
near '--DROP USER root@'127.0.0.1'' at line 1  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual  
that corresponds to your MySQL server version for the right syntax to use  
near '--DROP USER root@'::1'' at line 1  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual  
that corresponds to your MySQL server version for the right syntax to use  
near '--DROP USER root@'bqcesy01v'' at line 1  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual  
that corresponds to your MySQL server version for the right syntax to use  
near '--DELETE FROM mysql.user WHERE User=''' at line 1
```

Please add space between "--" and "DROP" like that:

```
-- DROP USER root@'localhost';  
-- DROP USER root@'127.0.0.1';  
-- DROP USER root@'::1';  
-- DROP USER root@'bqcesy01v';  
-- DELETE FROM mysql.user WHERE User='';
```

2)

```
20170411_11:39:14 39967 Begin main::launchCreatMyperf()  
20170411_11:39:14 39967 Begin main::parseCnf()  
20170411_11:39:14 39967 sub launchCreatMyperf - $dir_distrib:/usr
```

```

20170411_11:39:14 39967 sub launchCreatMyperf - /usr/bin/mysql -S
/var/run/mysql/mysql_MYPWTS01B.sock -usa -pXXXXXXX <
/MYADMTTOOLS/MYINSTALLER/MyInstall_Template/create_myperf-v1_0_0_NG
20170411_11:39:14 39967 Begin main::doSystem()
sh: /MYADMTTOOLS/MYINSTALLER/MyInstall_Template/create_myperf-v1_0_0_NG: No
such file or directory
20170411_11:39:14 39967 Create myperf table [FAILED]
20170411_11:39:14 39967 End main::doSystem()
20170411_11:39:14 39967 End main::launchCreatMyperf()

```

The reason is file don't exist: create_myperf-v1_0_0_NG

We have another version of this file in MyInstaller directory:

```

[prod:mysql@bpwts011v:/MYADMTTOOLS/MYINSTALLER]$ ll
/MYADMTTOOLS/MYINSTALLER/MyInstall_Template/create_myperf-*
-rwxr-x--- 1 mysql mysql 4209 Mar 28 12:06
/MYADMTTOOLS/MYINSTALLER/MyInstall_Template/create_myperf-v3_0_10
-rwxr-x--- 1 mysql mysql 4417 Mar 28 12:06
/MYADMTTOOLS/MYINSTALLER/MyInstall_Template/create_myperf-v4_0_5

```

We used last one for installation:

```

[prod:mysql@bpwts011v:/MYADMTTOOLS/MYINSTALLER]$ /usr/bin/mysql --
user=root -S /var/run/mysql/mysql_MYPWTS01B.sock <
/MYADMTTOOLS/MYINSTALLER/MyInstall_Template/create_myperf-v4_0_5

```

3)

```

20170411_11:39:14 39967 Begin main::launchSecureScript()
20170411_11:39:14 39967 Begin main::parseCnf()
20170411_11:39:14 39967 sub launchSecureScript - $dir_distrib:/usr
20170411_11:39:14 39967 sub launchSecureScript - /usr/bin/mysql -S
/var/run/mysql/mysql_MYPWTS01B.sock -usa -pXXXXXXX <
/MYADMTTOOLS/MYINSTALLER/MyInstall_Template/Security_Mysql.sql
20170411_11:39:14 39967 Begin main::doSystem()
Warning: Using a password on the command line interface can be insecure.
ERROR 1045 (28000): Access denied for user 'sa'@'localhost' (using
password: YES)
20170411_11:39:14 39967 Secure Mysql Installation [FAILED]
20170411_11:39:14 39967 End main::doSystem()
20170411_11:39:14 39967 End main::launchSecureScript()

```

The reason is difference between "sa" password in: param file (/etc/mysql/param-MYPWTS01B) and privilege sql script (update_privileges-v1_0_0_NG.sql)

```

/etc/mysql/param-MYPWTS01B
# La gestion des access au serveur BDD
CNX_USERSA=sa ; export CNX_USERSA # User de connexion
Administrateur
CNX_PWDSA=Stabil0 ; export CNX_PWDSA # Password de
connexion au user Administrateur

./update_privileges-v1_0_0_NG.sql
CREATE USER sa@'localhost' IDENTIFIED BY 'Cr@y0n!';
GRANT ALL PRIVILEGES

```

Solution: both above password should be the same. Bottom command works fine.

```
[prod:mysql@bpwts011v:/MYADMTOOLS/MYINSTALLER]$ /usr/bin/mysql -S
/var/run/mysql/mysql_MYPWTS01B.sock -usa -pCr@y0n! <
/MYADMTOOLS/MYINSTALLER/MyInstall_Template/Security_Mysql.sql
Warning: Using a password on the command line interface can be insecure.
```

4) CronTab

```
20170411_11:39:14 39967 Begin main::getAnswer()
Do you want to launch the new crontab ?
no
20170411_11:42:23 39967 sub getAnswer - answer:no
```

No proper path in line 3 of crontab template:

```
[prod:mysql@bpwts011v:/home/mysql]$ cat crontab.mysql.bpwts011v
# Purge des traces
10 07 * * * (find ${HOME} -mtime +7 -name '.sh_history*' -exec rm {} \;)
2>/dev/null 1>&2
10 12 * * * (find /var/log/mysql/traces -mtime +30 -name '*' -exec rm {}
\;) 2>/dev/null 1>&2
10 12 * * * [ -f /DATABASE/MYDATA/MYPWTS01B/CFG/MYPWTS01B.cnf ] && (find
/var/log/mysql/MYPWTS01B/traces -mtime +30 -name '*.trc' -exec rm {} \;)
2>/dev/null 1>&2
...
```

```
[prod:mysql@bpwts011v:/home/mysql]$ ll /var/log/mysql/traces
ls: cannot access /var/log/mysql/traces: No such file or directory
```

Correct folder:

/var/log/mysql/MYPWTS01B/traces

Correct line:

```
10 12 * * * (find /var/log/mysql/MYPWTS01B/traces -mtime +30 -name '*' -
exec rm {} \;) 2>/dev/null 1>&2
```

Bartosz Majek

Professional Technical Engineer

+48 71 661 25 67

bartosz.majek@atos.net

Atos GDC Polska Sp. z o.o. Sp.K. Wolowska 10, 51-116 Wroclaw, Poland