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Bug #70023	Connection using old (pre-4.1.1) authentication protocol refused (secure_auth en		
Submitted:	14 Aug 2013 4:19	**Modified:**	27 Sep 2013 2:28
Reporter:	**Andrew Reis**	**Email Updates:**	[Subscribe]
Status:	Closed	**Impact on me:**	None [Affects Me]
Category:	MySQL Workbench	**Severity:**	S4 (Feature request)
Version:	6.0.6-11184	**OS:**	Microsoft Windows (8 Professional x64)
Assigned to:		**Target Version:**	

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[14 Aug 2013 4:19] Andrew Reis

Description:
I'm receiving the following error:
"Connection using old (pre-4.1.1) authentication protocol refused (client option 'secure_auth' enabled)"

When connecting to a Hostgator shared web server MySQL instance. I can connect with our "cPanel" credentials (overall account) just fine, but

How to repeat:
Try to create connection in MySQL workbench to mysql 5.5.30 hostgator/cpanel MySQL instance

Suggested fix:
Add preference option to enable and disable pre-4.1.1 secure_auth client option

[14 Aug 2013 4:21] Andrew Reis

Also, PHP on the same shared web server can connect to MySQL using mysqli_connect with the dedicated account just fine. There must be a differ

[14 Aug 2013 15:03] Alfredo Kengi Kojima

In the connection settings, go to the Advanced tab and add useLegacyAuth=1

[14 Aug 2013 15:07] Todd Farmer

Hi Andrew,

It sounds as though the account causing problems is configured with an older password hash, and the server is configured to refuse such connec

http://mysqlblog.fivefarmers.com/2012/05/30/why-your-pre-4-1-client-wont-like-mysql-5-6/

If this is the case, there's nothing that can be done at the client side to make this account work - the conflict is between the way the accou

[14 Aug 2013 15:10] Andrew Reis

According to the hosting provider (HostGator) the problem is not on their end. The "client" in this case if MySQL Workbench 6.0.6-11184. How w

[14 Aug 2013 15:13] Andrew Reis

I just tried Alfredo Kengi Kojima's fix and that worked. Can this be worked into the preferences or under the advanced properties of the conne

[14 Aug 2013 15:14] Todd Farmer

I missed that you were able to connect via PHP using the same account you have problems with in Workbench when commenting above; that rules ou

[14 Aug 2013 17:34] Alfredo Kengi Kojima

We'll add a specific option for this, thanks for filing this.

[20 Aug 2013 15:10] Scott Hedrick

Adding useLegacyAuth=1 works for the editor connection but export data (mysqldump) continues to fail with the same error. The db server is my

[29 Aug 2013 6:03] neil ton

I've the same problem.
The mysql connection is ok after use useLegacyAuth=1, but export data not work yet.
BTW,If userlegacyAuth not set, mysql workbench will crash when open connections every time.
my OS: Mac OS X 10.8, mysql server: 5.0.95, workbench 6.0.6

[3 Sep 2013 10:24] Youssef Atik

Hi,

I have the some error when i try to connect remote database, but my colleague use the same user & pwd and it's work for him !

So i'm not sure if it's due to the server side, i mean the configuration for hash method of passwords

Any idea what it could be the reason ?

i'm using Mysql workbench 6.0.6-win32

Thanks

[6 Sep 2013 2:08] Joe Romanu

I used Alfredo Kojima's fix in the Other Options box and it worked.

[14 Sep 2013 7:31] Kapil Bhagchandani

I have found the fix and it worked for me
It is a bug of settings where variable old_passwords is set to 1;
I have fixed it using :

Set session old_passwords=0; set password for 'user'@'%' = password('mypassword');

Reference
http://stackoverflow.com/questions/18017354/mysql-odbc-link-fails-due-to-authentication-pr...

[27 Sep 2013 2:28] Philip Olson

Fixed as of MySQL Workbench 6.0.7, and here's the changelog entry:

A new option was added in the connection settings "Advanced" tab for
toggling the secure_auth (useLegacyAuth) option, to optionally connect to
legacy systems.

Thank you for the bug report.

[20 Nov 2013 14:18] ANDREA LANFRANCHI

As far as I can see the problem still persists during the Bulk Data Transfer. I get these errors.

15:12:04 [ERR][copytable]: Failed opening connection to MySQL: Connection using old (pre-4.1.1) authentication protocol refused (client
15:12:04 [ERR][copytable]: Exception: mysql_real_connect: Connection using old (pre-4.1.1) authentication protocol refused (client optio

Note that "Use the old authentication protocol" has been ticked on in both (target and source) connections.

[9 Dec 2013 13:50] Andre Langer

confirmed.

It seems that a similar error still exists in my MySQL Workbench V6.0.7.11215.

When I set the option Advanced/disable_secure_auth, a connection to the MySQL server can be establied, but a Data Export fails with the error

14:47:29 Dumping XYZ (all tables)

Running: mysqldump.exe --defaults-extra-file="c:\users\AAA\appdata\local\temp\tmpji2srr.cnf" --set-gtid-purged=OFF --user=BBB --max_allowed_p

mysqldump: Got error: 2049: Connection using old (pre-4.1.1) authentication protocol refused (client option 'secure_auth' enabled) when trying

Operation failed with exitcode 2

Greetings

Andre

[20 Jan 2014 8:50] John Page

I am seeing the same problem. It appears that wbcopytables.exe is not reading the setting of the "Use the old authentication protocol" option

[22 Jan 2014 9:31] Chris Ridgeon

I can confirm this is still an issue for data export in workbench 6.0.8.11354 build 833 community edition.

The initial connection now works with the additional option added but when using export it does not cary over that connection parameter.

[22 Jan 2014 9:35] Chris Ridgeon

Further information..

Running: mysqldump.exe --defaults-extra-file="appdata\local\temp\3\tmpxdzape.cnf" --set-gtid-purged=OFF --max_allowed_packet=1G --host=localh

mysqldump: Got error: 2049: Connection using old (pre-4.1.1) authentication protocol refused (client option 'secure_auth' enabled) when trying

Operation failed with exitcode 2

09:22:00 Export of dbname.sql has finished with 1 errors

[10 Apr 2014 15:01] Jeff Warrow

This EXACTLY my problem. To get the connection to work I did:

MYSQL Workbench: in order for the connection to work, in the "Connections" tab, "Advanced" tab add the value pair: "useLegacyAuth=1" (without

But now I can't back-up the database because I get the (pre-4.1.1) error. The "System Variable" "secure_auth" has a value of "OFF".

The last post is from January 22 2014 any resolution since then? I am running MySQL Workbench 6.1 Community, Version 6.1.4.11773 Build 1454 (

Thanks,
Jeff

[10 Apr 2014 15:13] Chris Ridgeon

Hi Jeff,

I never did find a solution to this. If you have the same problem on the latest version it must still exist when connecting to old auth server

I resorted to using mysqldump from the command line and then upgraded the server to a newer version later when convenient.

Chris

[14 Apr 2014 20:15] Jeff Warrow

What about using an older version of MySQL Workbench would that work?

[14 Apr 2014 20:52] Jeff Warrow

I installed MySQL Administrator 1.2.15 and was able to generate a back-up file. Issue resolved with a work-around.

[23 Apr 2014 20:18] Doug Kneller

I just downloaded the newest version of MySQL Workbench (6.1 CE). There is a checkbox under Connection | Advanced (tab) called "Use the old au

[29 Apr 2014 9:53] Kiran Gowda

Alfredo Kengi Kojima sugesstion to fix the bug worked..

[25 May 2014 15:08] Francisco Francisco

Despite this bug is marked as CLOSED, is's not solved actually! Yes, there's a new option on Advanced tab, from Manage Server Connections wind

Useless resolution...

using v6.1.6 CE

[8 Jun 2014 0:21] Daniel Stinebaugh

Just installed on a server in order to export all the different database's so that we can migrate off of this old server, and still run into t

[10 Jun 2014 22:37] Jack Langowski

+1 the problem with exporting data using the migration wizard. Schema creation works fine, but the connection appears to be reauthenticated w

[11 Jun 2014 8:27] Chris Ridgeon

Yes, I can confirm the same as above - still not able to do the backup but can connect. Setting does not carry over to backup screen.

[14 Jul 2014 13:15] Ashton Hogan

Using the latest MySQL Workbench, If I try to do a data export from within MySQL Workbench interface while connected to an old MySQL Server th

[19 Jul 2014 18:31] Greg Thompson

I am running into the same error while trying to export data from an old MySQL Server 5.1 system (for which I only have read-only access over

[12 Aug 2014 10:56] Mariette Jackson

Since installing 6.1.7 yesterday I too can only connect to database if I click 'Use the old authentication protocol' and am still unable to ex

I am using Mac OS X 10.6.8.

I use MySQL Workbench to back up my databases so this is a serious problem for me.

[6 Jan 16:01] Nic Sandfield

See this report of a bug in the C API: http://bugs.mysql.com/bug.php?id=75425

[24 Jan 18:30] NOE MEDINA ARCE

Yo he tenido el mismo problema con el mySql Workbeanch versión 6.2. conectandome a un host arrendado que no permitia hacer cambios en las opci

I had the same problem with Workbeanch mySql version 6.2. connecting me to a host leased No you can make changes to the settings of the user a

[29 Jan 2:40] Michael Mast

I'm using Workbench 6.2.4.12437 Build 2426 (64 bit) and I can only connect to a remote DB by checking "Use the old authentication protocol."

The Data Migration wizard gets all the way to the Data Migration > Bulk Data Transfer step (which includes successfully testing the connection

```
Starting...
Prepare information for data copy...
Prepare information for data copy done
Create shell script for data copy...
Table copy script written to C:\Users\mbmas_000\Desktop\copy_migrated_tables.cmd
Create shell script for data copy done
Determine number of rows to copy....
Counting number of rows in tables...
wbcopytables.exe --count-only --passwords-from-stdin --mysql-source="XXXX REDACTED XXXX" --source-use-cleartext --table-file=c:\users\mbmas_~1
18:25:47 [INF][     copytable]: --table `XXXX REDACTED XXXX`    `invXXXXX`
18:25:47 [INF][     copytable]: --table `XXXX REDACTED XXXX`    `proXXXXX`
18:25:47 [INF][     copytable]: --table `XXXX REDACTED XXXX`    `domXXXXX`
18:25:47 [INF][     copytable]: --table `XXXX REDACTED XXXX`    `proXXXXX`
18:25:47 [INF][     copytable]: --table `XXXX REDACTED XXXX`    `domXXXXX`
18:25:47 [INF][     copytable]: --table `XXXX REDACTED XXXX`    `invXXXXX`
18:25:47 [INF][     copytable]: --table `XXXX REDACTED XXXX`    `docXXXXX`
18:25:47 [INF][     copytable]: --table `XXXX REDACTED XXXX`    `perXXXXX`
18:25:47 [INF][     copytable]: Connecting to MySQL server at XXXX REDACTED XXXX:3306 with user XXXX REDACTED XXXX
18:25:47 [ERR][     copytable]: Failed opening connection to MySQL: Connection using old (pre-4.1.1) authentication protocol refused (client
18:25:47 [ERR][     copytable]: Exception: mysql_real_connect: Connection using old (pre-4.1.1) authentication protocol refused (client optio

Loading table information from file c:\users\mbmas_~1\appdata\local\temp\tmpzfnzr4

ERROR: Determine number of rows to copy: Error getting row count from source tables, wbcopytables exited with code 1
Failed
```

[7 Jul 18:26] Jonathan Whitaker

As others have hinted, this issue is still not fixed. I am trying to do a Data Export operation on a MySQL 5.1.45 database table. Here is the

12:21:51 PM Dumping dbname (table)

```
Running: /usr/libexec/mysql-workbench/mysqldump --defaults-file="/tmp/tmpVYrS_v/extraparams.cnf"  --set-gtid-purged=OFF --user=user --host=hos
mysqldump: Got error: 2049: Connection using old (pre-4.1.1) authentication protocol refused (client option 'secure_auth' enabled) when trying
```

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Running: /usr/libexec/mysql-workbench/mysqldump --defaults-file="/tmp/tmpVYrS_v/extraparams.cnf"  --set-gtid-purged=OFF --user=user --host=hos
mysqldump: Got error: 2049: Connection using old (pre-4.1.1) authentication protocol refused (client option 'secure_auth' enabled) when trying
```

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