

## Tutorials : Backup MySQL database

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### Backup MySQL database using MySQL Administrator

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MySQL Administrator is a program for performing administrative operations, such as configuring your MySQL server, monitoring its status and performance, starting and stopping it, managing users and connections, performing backups, restoring backups and a number of other administrative tasks. In most cases MySQL Administrator should be already installed with database, if not MySQL Admin may be downloaded from the [MySQL.Com site](#). Installation binaries and documentation may also be found there.

### Performing simple backup of database

This assumes you have already installed MySQL Admin and set it up so that you can login to the MySQL Database Server either locally or remotely. Refer to the documentation that comes with the installation package of MySQL Admin for your platform for installation instructions.



1. Open the MySQL Admin client and **login as root** user.
2. From the icon menu on the left hand side of the client window **select Backup**.



3. If you have not already created a Backup Project, do this now by clicking on the **"New Project"** button at the lower part of the window and type in a name for the Backup Project where prompted.
4. Select one or more databases that you want to Backup, there is only one database for VoipSwitch,

named "voipswitch". Add database to the Backup Content window on the right using the right-pointing arrow button.

5. When you have selected the Schema, you can **save the Backup Project** and then simply choose to **Backup Now** using the button on the lower right of the window.

6. A dialogue will come up asking you where to put the Backup. **Enter the pathname** or browse to the location using the dialogue.



7. Assuming all is correct (and you have write permissions in the directory to which you are writing the Backup), the backup will complete shortly.



This tutorial is also available in Flash. [Click here to view animation.](#)

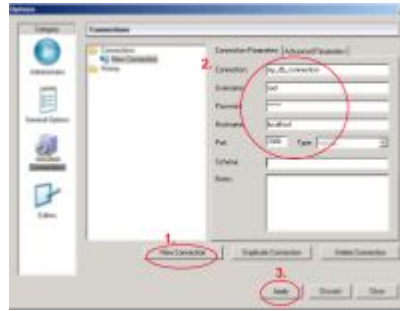
## Scheduling automated database backups

The Schedule tab is used to execute backup operations on a daily, weekly, or monthly basis. In order to run a scheduled backup, you must be using a stored connection. Without one you will see the following warning:

A scheduled backup requires a stored connection. You are currently connected without using such a stored connection. Please use the connection manager to create one and use it then for the login.

### Create stored connection

To create stored connection choose **Options** from **Tools** menu and set up parameters as shown below(enter correct host name, password for Your database).



Next, navigate to **General Options** and mark "**Store passwords**" checkbox. Choose **Obscured** as password storage method.



After connection create restart MySQL Administrator and login with this connection as shown below:



## Prepare scheduled backup

In previous steps a valid project has been created. We will use this backup project to schedule a future automated backups.

To enable scheduling for your backup project, check the **Schedule this backup project** checkbox. You will need to choose a target directory for the backup files and also a name for them. You can browse for a target directory by clicking the [...] button.

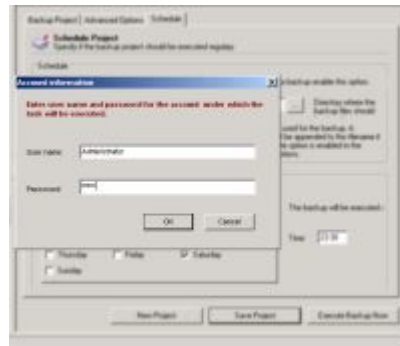
If you have enabled the Add Date/Time to Backup Files option in the Administrator Options dialog, then the date and time of the backup will be appended to the file name automatically.

Once you have decided on a file name and target directory, you can set the interval of the backup operation. Regardless of your choice of daily, weekly, or monthly backups, you can set the time that the backup will occur by setting the Time option. Set the backup time in a 24 hour format (i.e. 23:30).

When you select the **Execute Backup Weekly** option, a set of check boxes representing the days of the week will be displayed. Check the boxes corresponding to the days when you want to perform backups. When you select the **Execute backup monthly** option, a list of dates will appear, allowing you to choose the day of the month for backups.

Click the **Save Project** button to save your preferences.

Account information window is shown, type correct username and password of Windows user who has administrative rights.



After your project is saved it will be executed at the next scheduled interval.

To run the backup operation immediately click the **Execute Backup Now** button.



This tutorial is also available in Flash. [Click here to view animation.](#)