



Daily Off-Site Backup of SQL Data from Windows 2008R2 Server

Any server actively running a SQL database engine instance works often at extreme load. Different parts of hardware and software persist always at the peak of efficient power, and this is not a condition guaranteeing stability and safety of server components.

Using Handy Backup, some clients organize the effective upload of SQL server data backups to off-site storages every day, assuring the actual copy of main database content will always be reachable, regardless of any conditions and problems touching the server mainframe.

Off-Site Backup Advantages

Off-site (or, alternatively, online) backup storages are often placed physically to some location distant from the computer containing the dataset to be backed up. Good examples of these storages are commercial clouds like Amazon S3 or Dropbox, as well as FTP/SFTP/FTPS servers or just NAS/NAT.

Therefore, when the computer (or even a location containing it) undergoes some crucial or fatal problems, such as mainframe destruction, severe hardware failure, fire or theft, then [off-site backup data](#) remain intact, allowing using these data for immediate restoration.

Daily Backup of SQL Data Advantages

SQL database content is a volatile substance, changing perhaps thousands of times per second. Still, at the end of the working day any of these databases can be viewed as the achieved result of daily activity. Therefore, backing up these data on daily basis allows keeping this result intact from perils.

Options for Off-Site Backup Provided by Handy Backup

To use off-site storages, Handy Backup has a couple of different data keeping options.

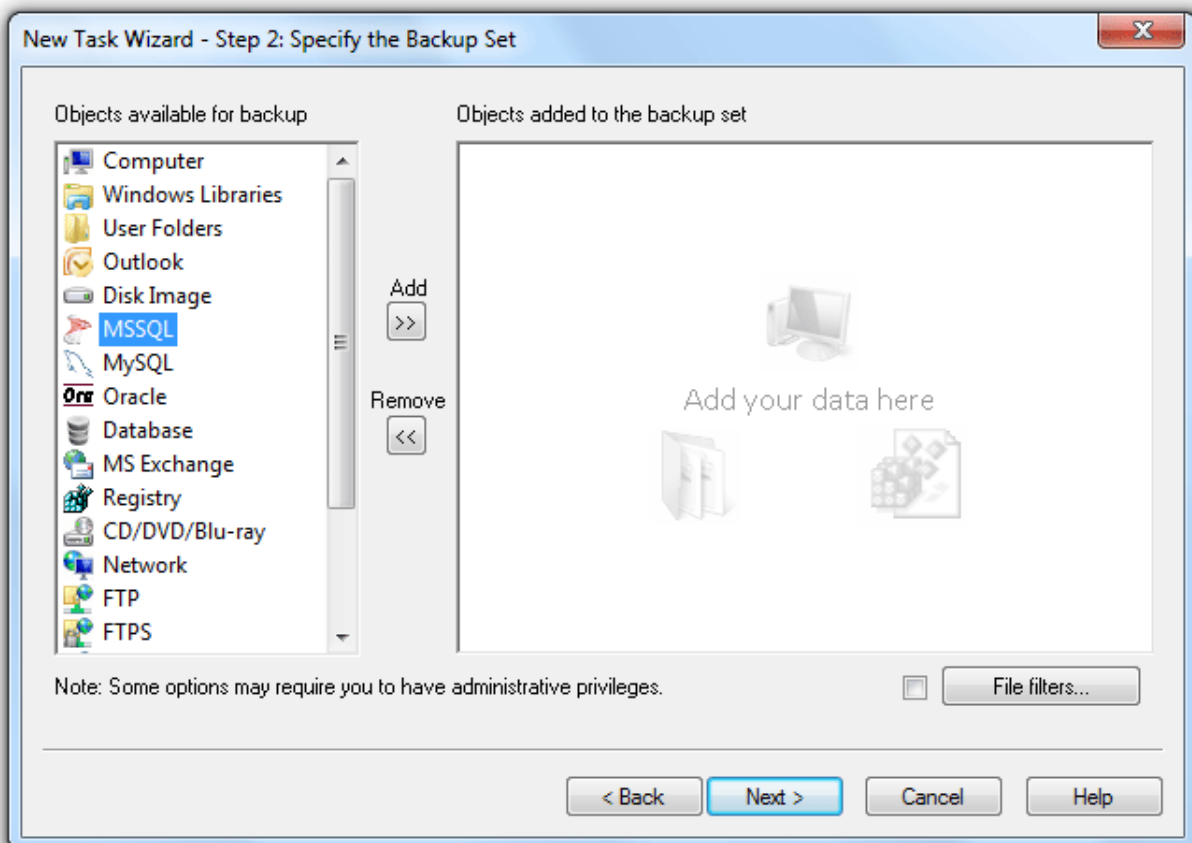
- ✓ Remote mapped drives and NASes, plugged as part of the Computer feature;
- ✓ FTP, SFTP and FTPS servers, accessed by dedicated options;
- ✓ Commercial clouds like Amazon S3 and Yandex.Disk, which also have built-in access;
- ✓ Synchronized folders for cloud accounts such as Azure and Dropbox, via the Computer;
- ✓ Cloud services accessed by WebDAV/Multi-Cloud interface option.

Any of these options, supported by Windows Server 2008 R2, can be used to keep daily SQL backups without any restriction other than having a sufficient storage space available for an account. Backing up to these destinations on a daily basis can be automated by [scheduling backup](#) tasks.

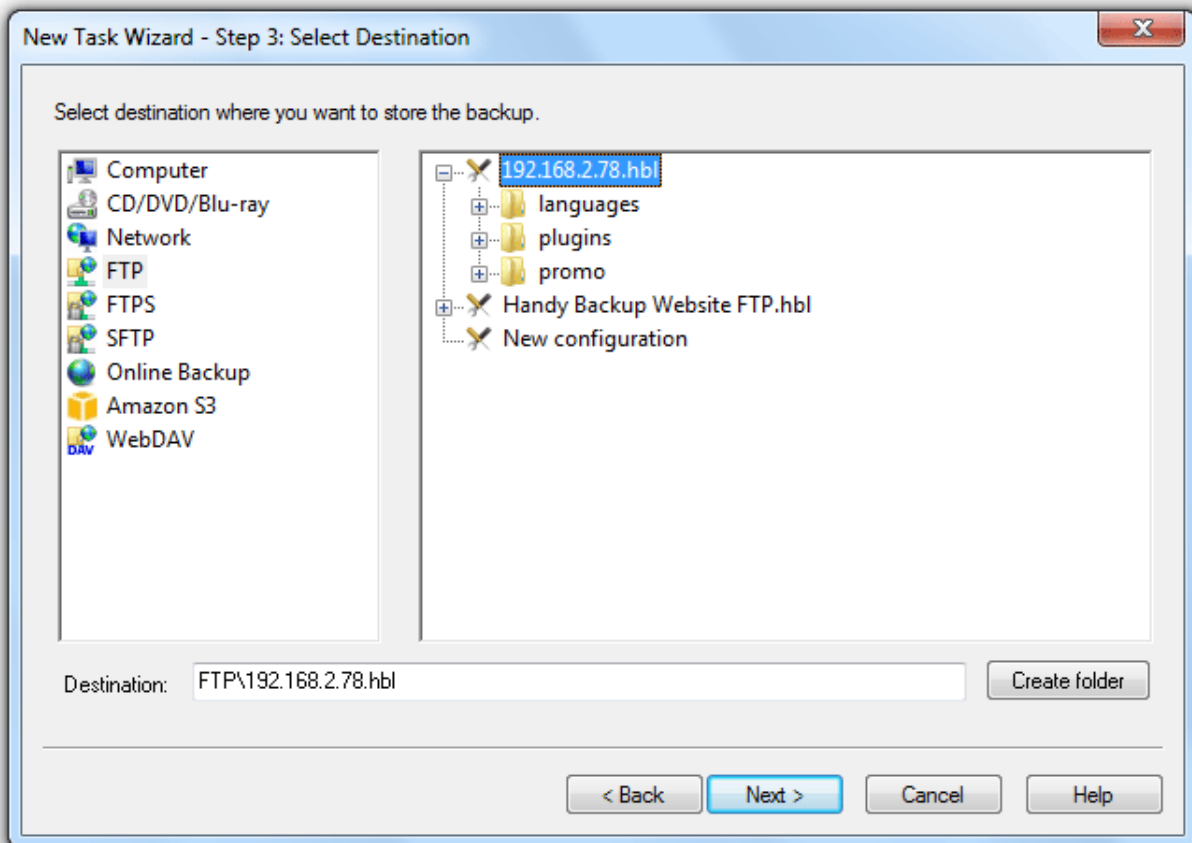
The Practice: How to Organize Daily Backup of SQL Data to Off-Site Storage

With only minor changes, the practice of daily off-site [backup of SQL data](#) under the Windows 2008 R2 server OS can be organized by taking the following steps.

1. Create a new backup task by selecting the “New task...” menu item or by pressing Ctrl+N, and choosing backup on Step 1.
2. Select your SQL data on the Step 2. This action can be performed for dedicated SQL options like MS SQL or MySQL, or for any SQL engine having an ODBC driver via the Database option.

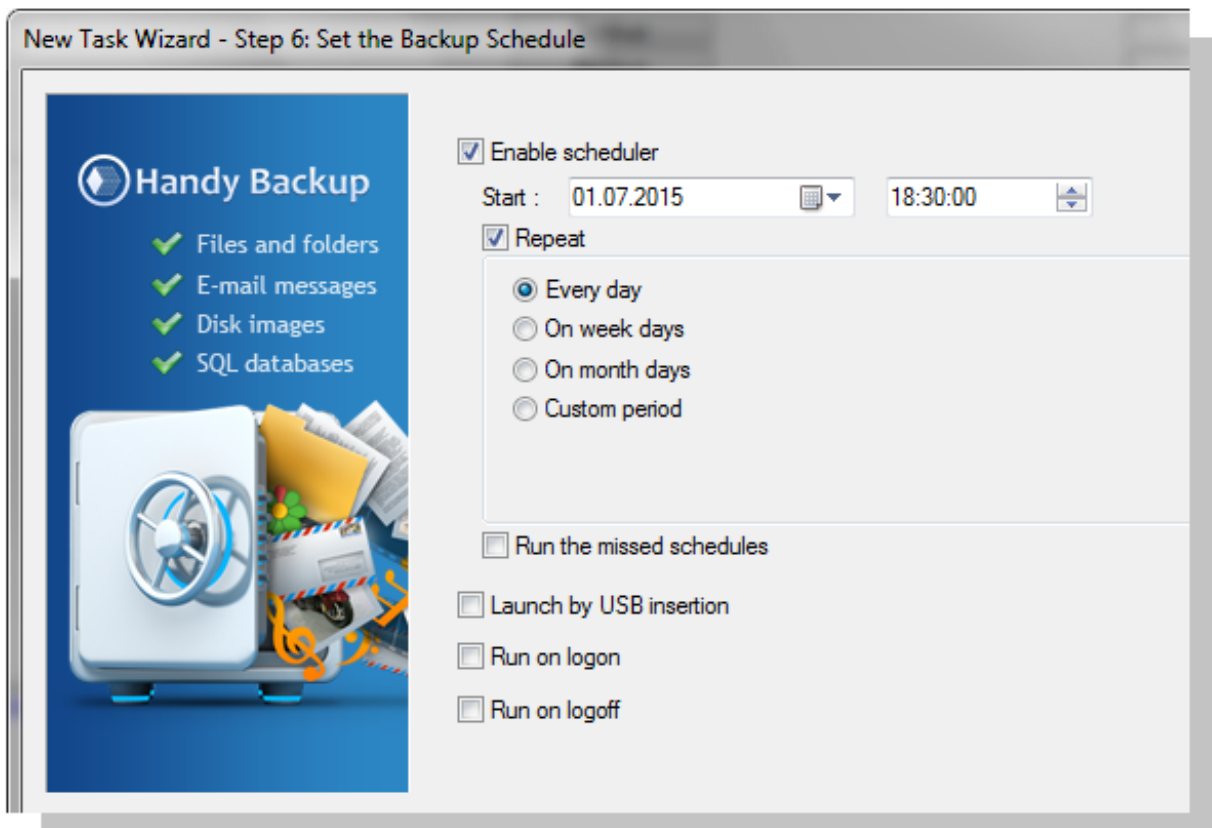


3. On the Step 3, choose some off-site destination like FTP or Amazon S3 for your SQL data.



Note: The two previous operations may require extra actions for establishing a trusted connection between Handy Backup and the featured data option (either SQL server or off-site storage). These actions must be performed only once, to authorize your task for backup.

4. Then select other backup option, like backup type, compression and encryption, on Steps 4 and 5. These operations are not specific for this case; please read User Manual for details.
5. Now on the Step 6 set up a daily period of backup schedule. We are also recommending setting up an exact time of execution just after the main work activity done, e.g., 18:30 p.m.



6. Finish the task creation by naming it. Your daily off-site backup task for SQL data is ready to automated and repeated execution every day.

Download the latest version of Handy Backup <http://handybackup.net/download>

Learn more about the Backup Solution - <http://handybackup.net/handybackup-smallserver>