

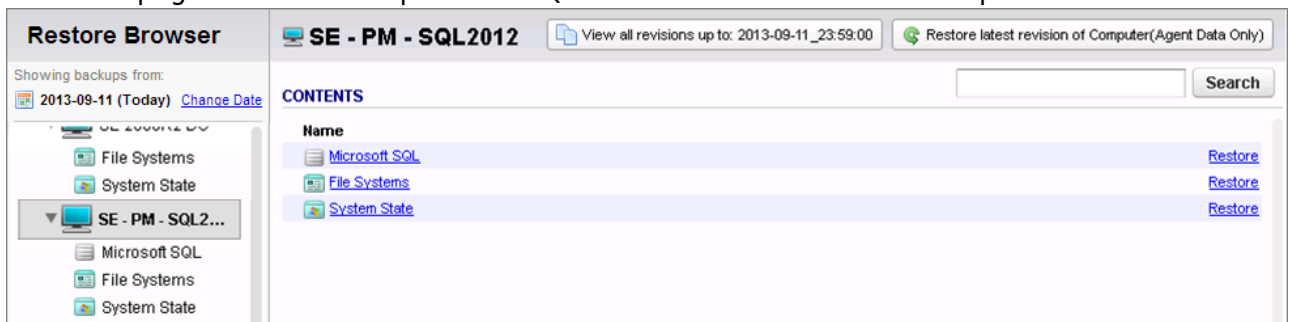
## How to Restore Microsoft SQL Server 2012 and Above Databases

<https://campus.barracuda.com/doc/29819301/>

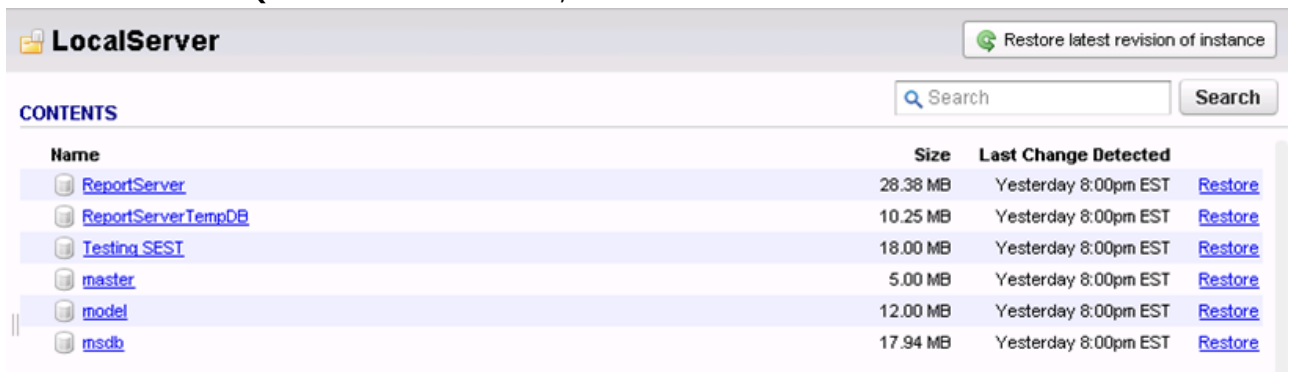
Microsoft VSS is the default backup method for Microsoft SQL 2012 and above. This article applies to customers backing up Microsoft SQL 2012 and above databases using Microsoft VSS. With Microsoft VSS, Barracuda Backup performs full and differential database backups.

Use the following steps to restore a Microsoft SQL Server 2012 or higher database:

1. Log in to the Barracuda Backup web interface or local UI, go to the **Restore > Restore Browser** page. Select and expand the SQL server data source in the left pane:

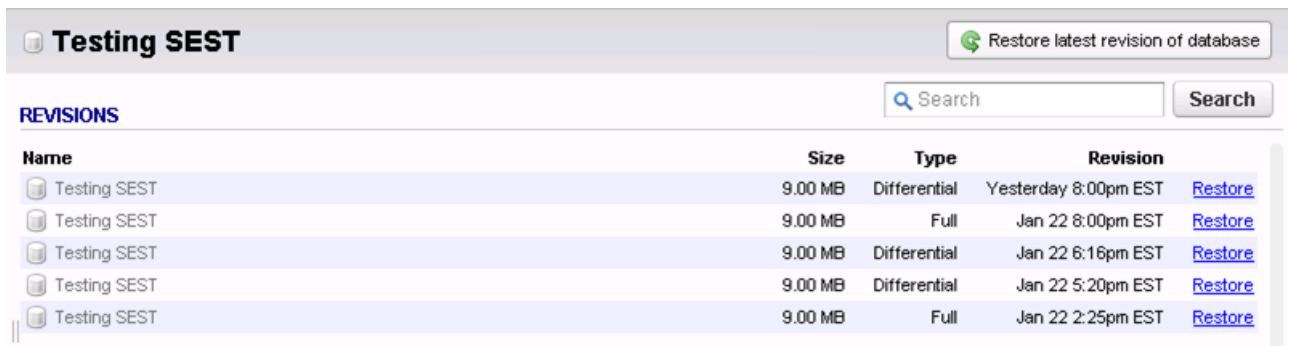


2. Click **Microsoft SQL** in the **Contents** list, and select the **Instance**:



Name	Size	Last Change Detected	Restore
ReportServer	28.38 MB	Yesterday 8:00pm EST	<a href="#">Restore</a>
ReportServerTempDB	10.25 MB	Yesterday 8:00pm EST	<a href="#">Restore</a>
Testing_SEST	18.00 MB	Yesterday 8:00pm EST	<a href="#">Restore</a>
master	5.00 MB	Yesterday 8:00pm EST	<a href="#">Restore</a>
model	12.00 MB	Yesterday 8:00pm EST	<a href="#">Restore</a>
msdb	17.94 MB	Yesterday 8:00pm EST	<a href="#">Restore</a>

3. Click the database to be restored to see the available revisions:



Name	Size	Type	Revision	Restore
Testing SEST	9.00 MB	Differential	Yesterday 8:00pm EST	<a href="#">Restore</a>
Testing SEST	9.00 MB	Full	Jan 22 8:00pm EST	<a href="#">Restore</a>
Testing SEST	9.00 MB	Differential	Jan 22 6:16pm EST	<a href="#">Restore</a>
Testing SEST	9.00 MB	Differential	Jan 22 5:20pm EST	<a href="#">Restore</a>
Testing SEST	9.00 MB	Full	Jan 22 2:25pm EST	<a href="#">Restore</a>

4. Click **Restore** to the right of the database to restore; the **Restore** dialog box displays:

Restore
✕

**Restore to:**  **Original Location**

*Enter the resolvable hostname or IP address of the restore location.*

**Method:**  **Restore normally**

**Restore to an alternate location:**

**Restore to file system:**

**Warning:** If the name you've specified is the same as a database that already exists on the target server, the restore will always overwrite the database on that server, even when restoring to an alternate path.

### Understanding the Restore Dialog Options

**Restore to** is the *Destination Server* for the restore location. Note that the restore location must be running the same version of SQL Server and the Barracuda Backup Agent must be installed on the location. There are three options to restore to:

- **Original Location** is the original server where the backup came from
- From the drop-down menu, select a different server currently added as a Barracuda Backup data source
- In the restore field, enter the fully qualified domain name (FQDN) or IP address of a server currently on the network

**Method** is the restore method:

- Select **Restore normally** to restore to the original location, and write the **.mdf** and **.ldf** files back to that location.
- Select **Restore to an alternate location** to write the **.mdf** and **.ldf** files to a different file path that exists on the source server. Enter the **Alternate path**, for example, **E:\restore**, and the **Database name** in the associated fields. *This option must be used if you select to change the database name.*

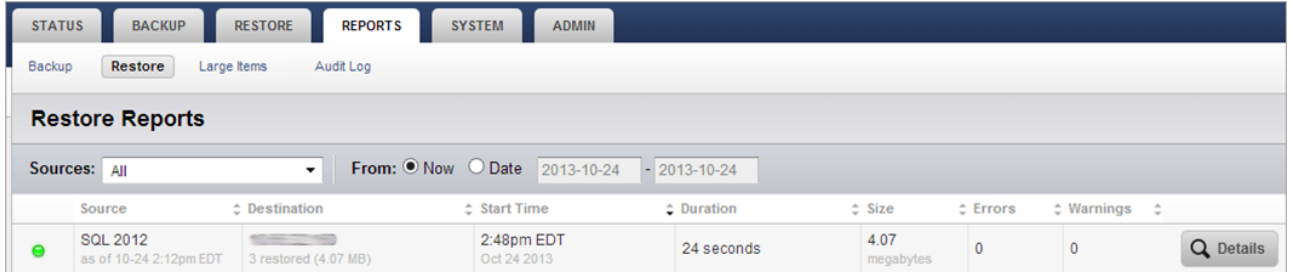
Select **Restore to file system** to restore a full database to a file (**.mdf/.ldf**). Enter the restore file path in the associated field, or leave the default value, for example,

**C:\Microsoft\_SQL\_Restore\_<date>**.

5. Once you select the location and method, click **Start Restore**. Once the restore is complete,

the **Success** dialog displays; click **OK** to close the dialog box.

6. Restore details are available on the **Reports > Restore** page:



Source	Destination	Start Time	Duration	Size	Errors	Warnings	
SQL 2012 as of 10-24 2:12pm EDT	3 restored (4.07 MB)	2:48pm EDT Oct 24 2013	24 seconds	4.07 megabytes	0	0	<a href="#">Details</a>

## Figures

1. sql2012\_01.png
2. sql\_localserver.png
3. sql\_revision.png
4. SQL\_Server\_Restore\_dialog.png
5. restore\_report.png

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