

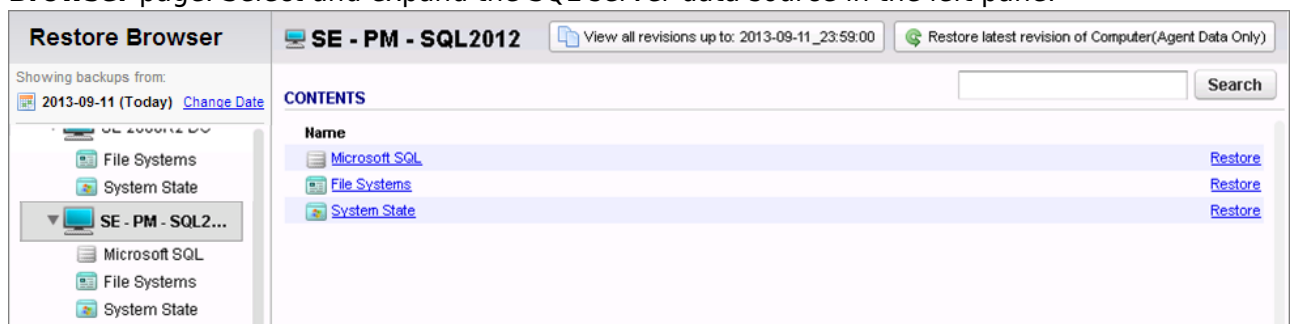
How to Restore Microsoft SQL Server 2012 and Above Databases

<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:



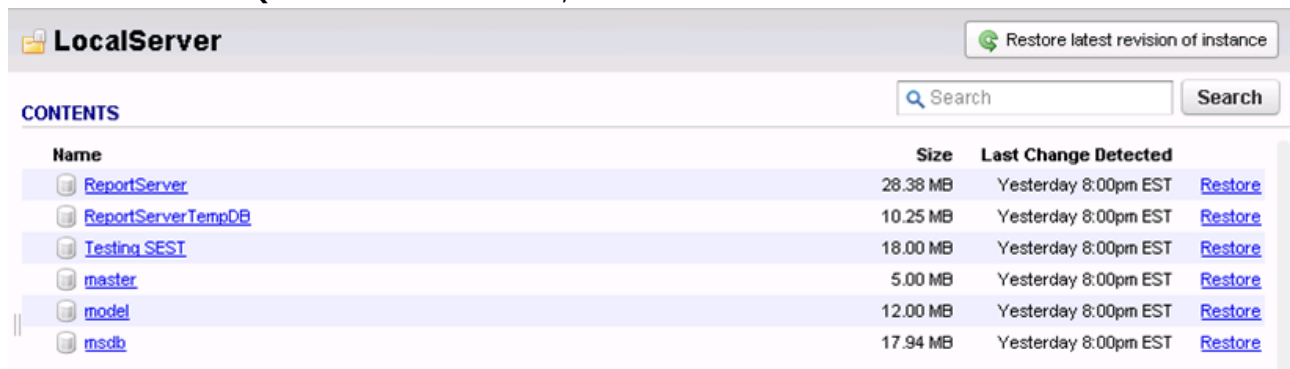
Restore Browser **SE - PM - SQL2012** View all revisions up to: 2013-09-11_23:59:00 Restore latest revision of Computer(Agent Data Only)

Showing backups from: 2013-09-11 (Today) [Change Date](#)

CONTENTS

Name	Restore
Microsoft SQL	Restore
File Systems	Restore
System State	Restore

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

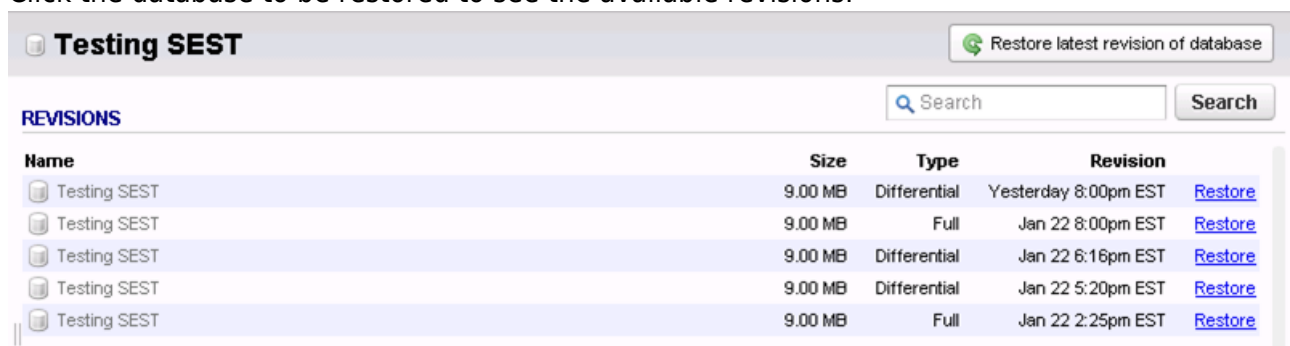


LocalServer Restore latest revision of instance

CONTENTS

Name	Size	Last Change Detected	Restore
ReportServer	28.38 MB	Yesterday 8:00pm EST	Restore
ReportServerTempDB	10.25 MB	Yesterday 8:00pm EST	Restore
Testing_SEST	18.00 MB	Yesterday 8:00pm EST	Restore
master	5.00 MB	Yesterday 8:00pm EST	Restore
model	12.00 MB	Yesterday 8:00pm EST	Restore
msdb	17.94 MB	Yesterday 8:00pm EST	Restore

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

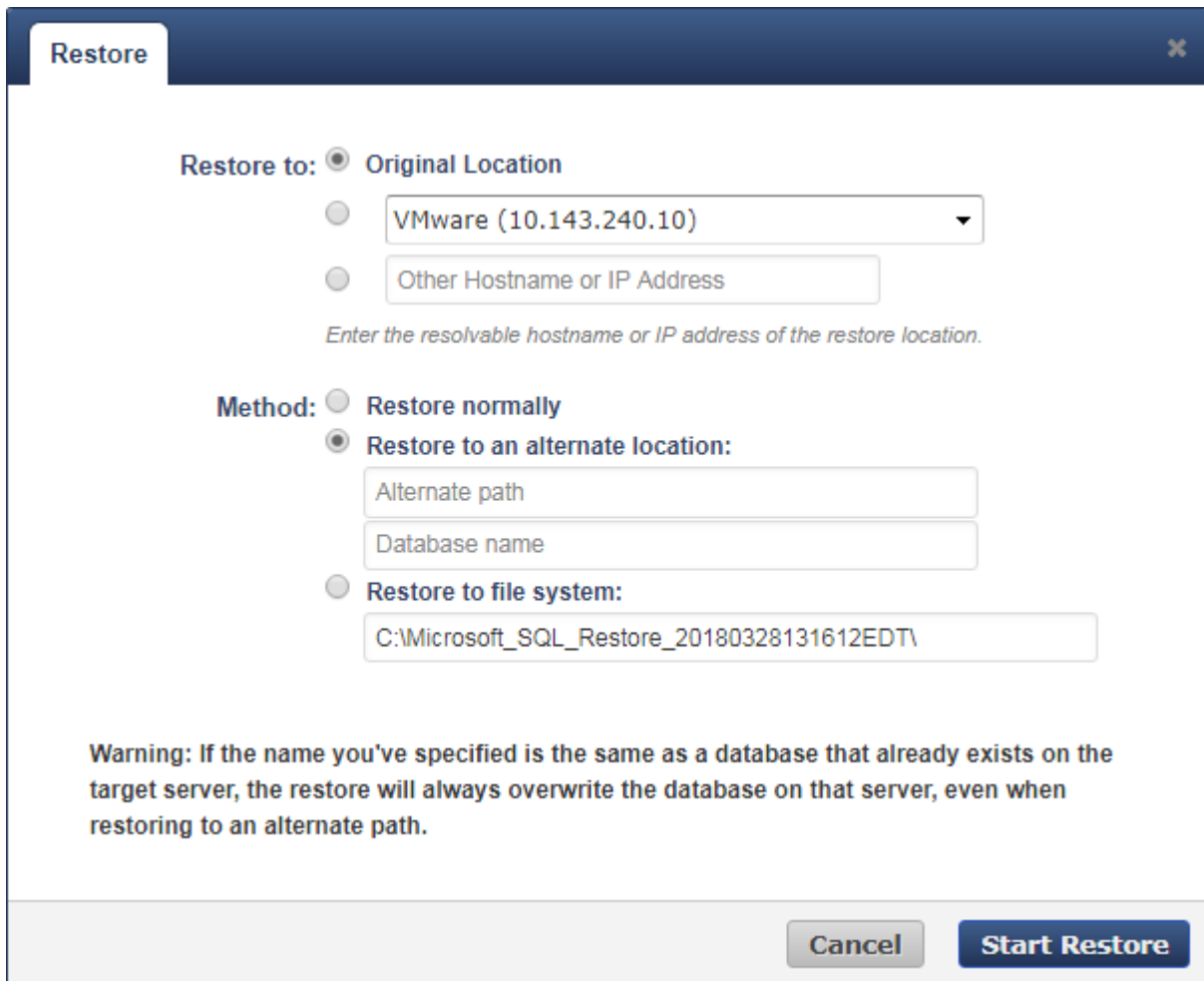


Testing_SEST Restore latest revision of database

REVISIONS

Name	Size	Type	Revision	Restore
Testing_SEST	9.00 MB	Differential	Yesterday 8:00pm EST	Restore
Testing_SEST	9.00 MB	Full	Jan 22 8:00pm EST	Restore
Testing_SEST	9.00 MB	Differential	Jan 22 6:16pm EST	Restore
Testing_SEST	9.00 MB	Differential	Jan 22 5:20pm EST	Restore
Testing_SEST	9.00 MB	Full	Jan 22 2:25pm EST	Restore

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



The screenshot shows the 'Restore' dialog box in Barracuda Backup. It has a title bar with 'Restore' and a close button. The main area contains two sections: 'Restore to:' and 'Method:'. Under 'Restore to:', there are three radio buttons. The first, 'Original Location', is selected. Below it is a dropdown menu showing 'VMware (10.143.240.10)' and a text field for 'Other Hostname or IP Address'. A note below says 'Enter the resolvable hostname or IP address of the restore location.' Under 'Method:', there are three radio buttons. 'Restore normally' is selected. Below it are two text fields: 'Alternate path' and 'Database name'. The third option is 'Restore to file system:', with a text field containing 'C:\Microsoft_SQL_Restore_20180328131612EDT\'. At the bottom, there is a warning message: '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.' At the bottom right are 'Cancel' and 'Start Restore' buttons.

Restore to: ☒ Original Location

☐ VMware (10.143.240.10)

☐ Other Hostname or IP Address

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

Method: ☒ Restore normally

☒ Restore to an alternate location:

Alternate path

Database name

☐ Restore to file system:

C:\Microsoft_SQL_Restore_20180328131612EDT\

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.

Cancel Start Restore

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.*

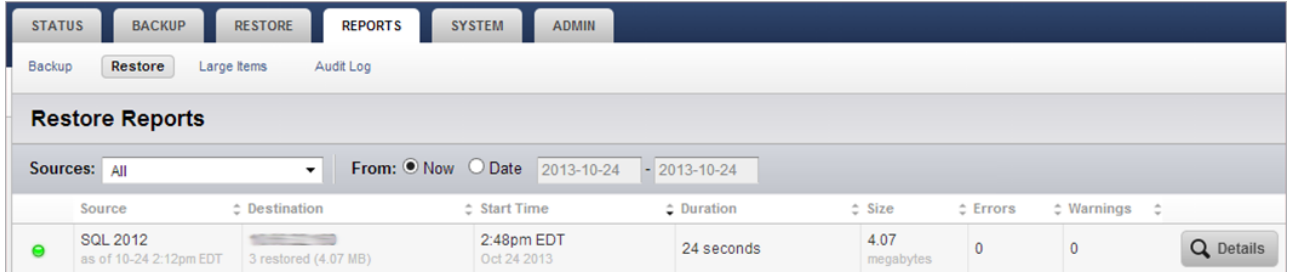
Select **Restore to file system** to restore a full database to a file (**.mdf/.ldf**). Enter the restore file path in the associated field, or leave the default value, for example,

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:



The screenshot shows the 'Restore Reports' page in the Barracuda Backup interface. The top navigation bar includes tabs for STATUS, BACKUP, RESTORE, REPORTS (selected), SYSTEM, and ADMIN. Below the navigation bar, there are links for Backup, Restore (selected), Large Items, and Audit Log. The main heading is 'Restore Reports'. Below this, there are filters: 'Sources: All' (a dropdown menu) and 'From: Now' (selected radio button) and 'Date: 2013-10-24 - 2013-10-24'. The main content area is a table with columns: Source, Destination, Start Time, Duration, Size, Errors, and Warnings. There is a 'Details' button with a magnifying glass icon at the end of each row.

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	 Details

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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