

Overview

If a customer experiences an issue with SQL and needs to restore back to a daily BAK file, Microsoft provides us a way to restore the BAK file along with sub-subsequent transaction log files in order to get the database as close to the "live state" as possible.

The following TechNOTE describes the procedure to restore a database using the backed up transaction logs.

Instructions

Restoring Transaction Log Backups

To restore a transaction log backup, a complete backup must be restored in an unrecovered state setting the restore type to "Leave Database non-operational but able to apply further transaction log backups" under the "Leave Database Operational" setting when restoring the complete backup.

1. Open Enterprise Manager, connect to the server, and expand Databases.
2. Right-click Display_Expand database and select All Tasks, then select Restore Database...
3. In the Show backups of database list, select Display_Expand. This updates the information displayed in the window.

It may be noticed that the transaction log backup corresponding to the complete backup that was loaded initially to create the Display_Expand database is selected by default.

4. You can view properties for the log backup by selecting the Display_Expand Log Backup and clicking the Properties button.
5. To view and, if necessary, modify any option relating to the restore operation, click the Options tab.
6. To start the restore of the transaction log, click OK.

A progress dialog box is displayed while the backup is being restored. When the restore finishes successfully, a confirmation dialog box is displayed.

7. To complete the restore operation, click OK in the confirmation dialog box.

For more detailed instructions and other SQL 2000 backup and restore tips, please browse to this link:

<http://www.microsoft.com/technet/prodtechnol/sql/2000/maintain/sqlbackuprest.msp>

