Database Restore

1. Double check the instance name and server name of the source server and the destination server.
2. Make a backup prior to performing the restore, in case the client wants to re-restore. Append ‘prerestore’ to the backup name
3. Get internal restore files

RESTORE FILELISTONLY

FROM DISK = 'C:\Path\To\Backup.bak'

RESTORE HEADERONLY

FROM DISK = 'E:\Path\To\Backup.dat'

1. Check the data and log file size using

use DB\_name

go

sp\_helpfile

go

1. Check the database owner
2. Check database roles
3. Script out the database permissions (use Alex’s script)
4. Check the size of the disks where the data files, log files and backups are placed.
5. Check if any existing connections are in place, if yes check by sp\_who2 (after spids 50) which process is opened and what needs to be closed. Talk to the client and ask if the database is in use and if the existing connection is by SQL Services close all the connections.
6. Check for the orphaned users :

First, make sure that this is the problem. This will lists the orphaned users:

EXEC sp\_change\_users\_login 'Report'

If you already have a login id and password for this user, fix it by doing:

EXEC sp\_change\_users\_login 'Auto\_Fix', '*user*'

If you want to create a new login id and password for this user, fix it by doing:

EXEC sp\_change\_users\_login 'Auto\_Fix', '*user*', '*login*', '*password*'

1. Try restoring by restoring command:

--Basic restore

RESTORE DATABASE BasicFullDB

FROM DISK = 'C:\MyDB\BasicFullDBBackup.bak'

WITH stats = 1, replace

--Restore items to a different location

RESTORE DATABASE BasicSimpleDBRestored

FROM DISK = 'C:\MyDB\BasicSimpleDBBackup.bak'

WITH

move 'BasicSimpleDB' to 'F:\TestMoveOnRestore\BasicSimpleDBRestored.ldf',

 stats = 1, replace

--Basic restore with log

RESTORE DATABASE BasicFullDBRestored

FROM DISK = 'C:\MyDB\BasicFullDBBackup.bak'

WITH stats = 1, NORECOVERY, replace

RESTORE DATABASE BasicFullDBRestored

FROM DISK = 'C:\MyDB\BasicFullDBBackupDif.dif'

WITH stats = 1, NORECOVERY, replace

RESTORE LOG BasicFullDBRestored

FROM DISK = 'C:\MyDB\BasicFullDBLog.trn'

WITH stats = 1, NORECOVERY

RESTORE DATABASE BasicFullDBRestored

WITH RECOVERY