

halFILE Error Report

Problem: On SQL Server 6.5, the database is marked as 'suspect'.

Resolution: This is usually an indication of a disk drive problem. The first thing to try is to reset the database by:

1. Copy the SQL Server script below and run from ISQL_w. This creates a stored procedure called `sp_resetstatus`.
2. In ISQL_w, run `sp_resetstatus <database name>` where <database name> is the name of the suspect database.
3. Re-boot the SQL Server.

If the problem persists, you will probably have to drop the database and restore from a backup.

Script to create sp_resetstatus stored procedure:

```
use master
go

sp_configure 'allow updates',1
go
reconfigure with override
go

CREATE PROC sp_resetstatus @dbname varchar(30) AS
DECLARE @msg varchar(80)
IF @@trancount > 0
    BEGIN
        PRINT "Can't run sp_resetstatus from within a transaction."
        RETURN (1)
    END
IF suser_id() != 1
    BEGIN
        SELECT @msg = "You must be the System Administrator (SA)"
        SELECT @msg = @msg + " to execute this procedure."
        RETURN (1)
    END
IF (SELECT COUNT(*) FROM master..sysdatabases
    WHERE name = @dbname) != 1
    BEGIN
        SELECT @msg = "Database '" + @dbname + "' does not exist!"
        PRINT @msg
        RETURN (1)
    END
IF (SELECT COUNT(*) FROM master..sysdatabases
    WHERE name = @dbname AND status & 256 = 256) != 1
    BEGIN
        PRINT "sp_resetstatus can only be run on suspect databases."
        RETURN (1)
    END
BEGIN TRAN
    UPDATE master..sysdatabases SET status = status ^ 256
    WHERE name = @dbname
    IF @@error != 0 OR @@rowcount != 1
        ROLLBACK TRAN
    ELSE
        BEGIN
            COMMIT TRAN
            SELECT @msg = "Database '" + @dbname + "' status reset!"
            PRINT @msg
            PRINT " "
            PRINT "WARNING: You must reboot SQL Server prior to "
            PRINT "         accessing this database!"
            PRINT " "
        END
END

go

sp_configure 'allow updates',0
go

reconfigure with override
go
```