



Texas Skyward User Group Conference

SMS 2.0 Database Maintenance



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After Image Files

- **What is after imaging?**
- **How to maintain the archive files so local or remote hard drive does not fill up? Use the current dbscan.bat**

- **Local server**

```
Set AIdaysold=5
```

```
echo **** Delete old AI Archive files older than  
%AIdaysold% days ****
```

```
forfiles /P %AiArchiveStuDir% /M *.* /D -%AIdaysold% /C  
"cmd /c del @file"
```

```
forfiles /P %AiArchiveFinDir% /M *.* /D -%AIdaysold%  
/C "cmd /c del @file"
```

- **Remote server**

```
Set remotedaysold=5
```

```
REM Delete the old AI and Skyback files on NAS or UNC  
share including sub directories
```

```
PushD \\server_host\share_name && (forfiles /S /M *.*  
/D -%Remotedaysold% /C "cmd /c del @file") & PopD
```

Cleanup temp files on web/rq server

- Clean_web_rq_server batch file

```
copy %DLC%\properties\*.properties %BackupDir%  
copy %DLC%\startup.pf %BackupDir%  
copy %CustRptDir%\*. * %BackupDir%\custreports\  
copy %ConfigDir%\*. * %BackupDir%\config\
```

```
del %PROPATH%\Wrk\lbi* /F /Q /A:H  
del %PROPATH%\Wrk\lbi* /F /Q /A:H  
del %PROPATH%\Wrk\srt* /F /Q /A:H  
del %PROPATH%\Wrk\rct* /F /Q /A:H  
del %PROPATH%\Wrk\*.trc /F /Q  
del %PROPATH%\Wrk\protrace.* /F /Q  
del %PROPATH%\Wrk\*.xml /F /Q  
del %PROPATH%\Wrk\QQQ* /F /Q  
del %PROPATH%\Wrk\SKR*. * /F /Q  
del %PROPATH%\Wrk\*.jpg /F /Q  
del %PROPATH%\Wrk\*.tmp /F /Q  
del %PROPATH%\Wrk\*.html /F /Q  
del %PROPATH%\Wrk\*.log.txt /F /Q  
forfiles /P %PROPATH%\Wrk /M *.log /D -30 /C "cmd /c del @file"  
for /D %%f in (%PROPATH%\Wrk\*-*-*) do rmdir %%f /s /q.
```


Dbscan.bat

```
copy %DLC%\properties\*.properties %BackupDir%
copy %DLC%\startup.pf %BackupDir%
copy %CustRptDir%\*. * %BackupDir%\custreports\
copy %ConfigDir%\*. * %BackupDir%\config\
```

```
del %PROPATH%\Wrk\lbi* /F /Q /A:H
del %PROPATH%\Wrk\dbi* /F /Q /A:H
del %PROPATH%\Wrk\srt* /F /Q /A:H
del %PROPATH%\Wrk\rcd* /F /Q /A:H
del %PROPATH%\Wrk\*.trc /F /Q
del %PROPATH%\Wrk\protrace.* /F /Q
del %PROPATH%\Wrk\*.xml /F /Q
del %PROPATH%\Wrk\QQQ* /F /Q
del %PROPATH%\Wrk\SKR*.* /F /Q
del %PROPATH%\Wrk\*.jpg /F /Q
del %PROPATH%\Wrk\*.tmp /F /Q
del %PROPATH%\Wrk\*.html /F /Q
del %PROPATH%\Wrk\*.log.txt /F /Q
forfiles /P %PROPATH%\Wrk /M *.log /D -30 /C "cmd /c del @file"
for /D %%f in (%PROPATH%\Wrk\*-*-**) do rmdir %%f /s /q.
```


Tune-up Service

Over time, a database can outgrow its original setup, become fragmented, and lose performance. Skyward can help districts ensure that their database is properly tuned and performing properly. As part of a the Tune-up Service, a Skyward technician will scan your database for any internal corruption and "tune" the database start-up parameters. Skyward will also perform a database dump and load to Type 2 storage areas to improve performance, manageability and maintenance.

<https://support.skyward.com/Page.ashx/IT/Services/TuneUpCheckUpService>

Index Rebuild

An index rebuild can increase performance. Over time, the indexes can become fragmented; much like a hard drive can become fragmented over time as programs are added, modified and unloaded. When you run an index rebuild, it will repair broken indexes in the database, activate deactivated indexes, and compress blocks to minimize space usage. It will not repair corruption in the database. Skyward recommends you perform an index rebuild once per year unless symptoms warrant it sooner. If the index rebuild indicates an error, contact Skyward.

[SMS 2.0 Index Build User Guide](#)



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THANK YOU FOR ATTENDING!

