



## Quick Reference Running Disk Cleanup Using Management Utilities

Running Disk clean up can free up space by cleaning out a variety of files left over from windows updates, operating system upgrades, and installation of applications.

**Step1** is to select the types of files you want removed; this process creates the registry settings that will be exported and applied to the target systems you wish to clean.

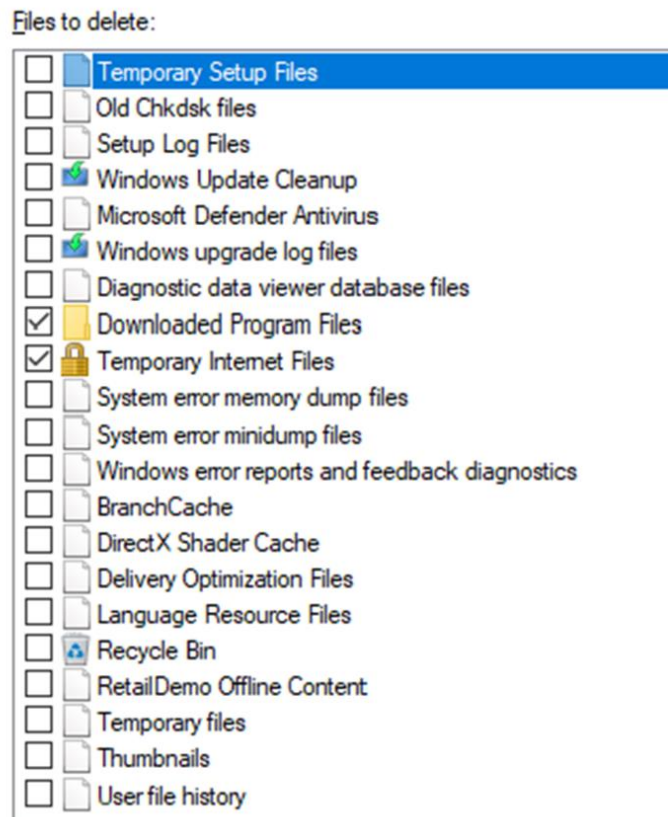
On a Windows 10 system open the command prompt and navigate to c:\windows\system32

Run the following command.

Cleanmgr.exe /sageset:1

*(The number represents the config setting, so edit the number if you wish to make a different configuration settings)*

This will open a dialog box, check off the types of files you wish to remove when using that configuration.





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**Step 2** Once you have saved the settings the next step is to export those Registry settings.

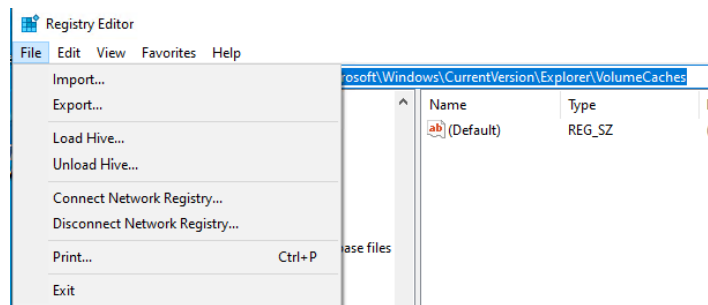
Open up Regedit.

Navigate to

Computer\HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\VolumeCaches

Select File, Export and give the file a name.

In our example we called out file sage1.reg



Create a folder called diskclean under your shared apps folder.

Copy the registry file sage1.reg to this folder.

Copy regedit.exe from a windows 10 machine to the diskclean folder, the file can be found in the windows folder.

**Step 3** Create a batch file that will install the registry settings on the target systems.

```
@ECHO OFF
c:
cd\
mkdir c:\tmps
xcopy /Y \\<servername>\apps\diskclean\*. * c:\tmps
cd \tmps
regedit /s sage1.reg
cd\
rd c:\tmps /S /Q
exit
```

**Change to the name of your server**



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**Step 4** Create a Third-Party Deployment Template to run the batch file.

\*PLEASE NOTE – you must check off copy files locally.

File Path	Parameters	Timeout	Ignore Process Completion	Platform	
\\192.168.200.73\apps\DiskClean\diskclean-regcopy.bat		2	No	Windows	<a href="#">Edit</a> <a href="#">Delete</a>

**Step 5** Create a Batch file that will run the cleanmgr configuration.

cleanmgr.exe /sagerun:1

in our example we will name the file cleanmgr-sage1.bat

**Step 6** Download the utility to wrap the bat file into an exe.

Download the free utility from <https://f2ko.de/>

Install the utility.



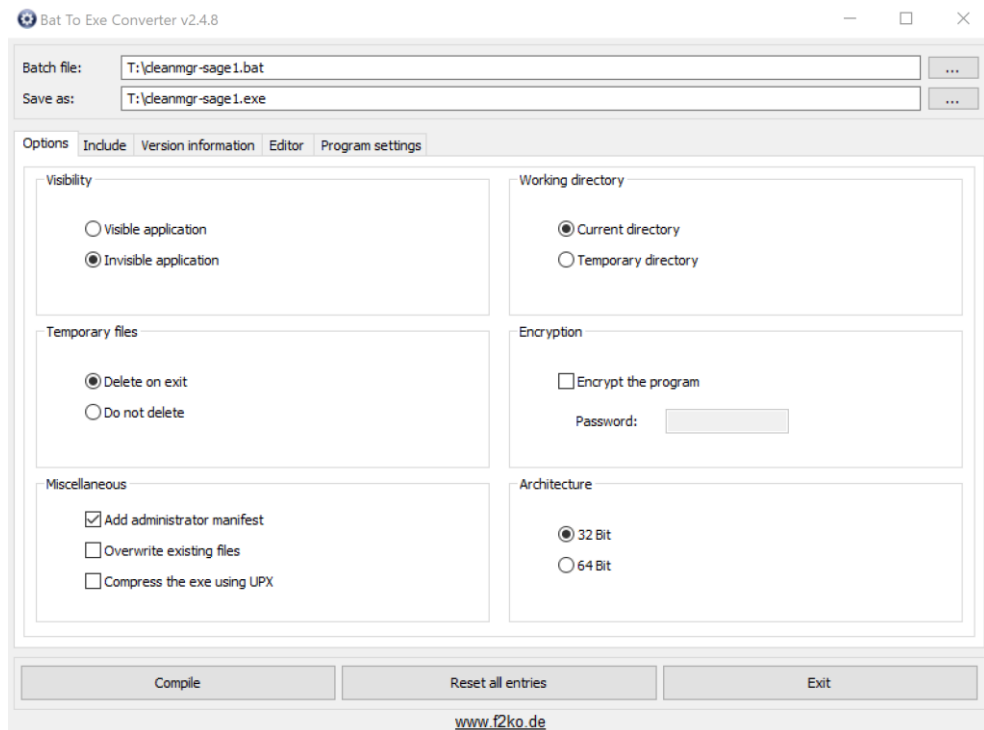
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### Step 7 Wrap the bat file into an exe.

Open the utility and browse to select the bat file created for running the cleanmgr.

Select Invisible Application, and Add Administrator Manifest

Enter a file name in the Save As and click on Compile.





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### Step 8 Create a Third-Party Template to run the Bat File Executable

**\*\*PLEASE NOTE** – you must select an Authentication template that uses a non-UAC setting.

Also check off Do Not Check for Process as the time taken to run the cleanmgr may take more than 10 minutes.

In our example we called our template Disk Clean Sage 1 App

File Path	Parameters	Timeout	Ignore Process Completion	Platform	
\\192.168.200.73\apps\cleanmgr-sage1.exe		10	Yes	Windows	Edit Delete

### Step 9 Running the Job

Select the Target systems, right click to select Deploy Third Party Software, select the template name that deploys the registry settings for the cleanmgr, then click add task. Select Deploy Third Party Software, select the template name that deploys the bat file executable, remember to change the authentication for this task to use the Non-UAC Authentication template.



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You can configure a schedule for when the job will run or Click to run the job immediately without a schedule.

Details

Add / Edit A Job...

Create a job that will run one or more times using templates that you have created.

Job Details

Job Name: administrator's Deploy Third Pa

☐ Save Job as Template (after running job)

☐ Create groups for failure codes

Schedule Summary...

No schedule configured... Job will run immediately by default.

Intelligent Removal Once Completed Successfully: Disabled

Configure Schedule

+ Add Filter

Task Name	Template Name				
Deploy Third Party Software	Disk Clean - 1 - Copy Registry			Edit	
Deploy Third Party Software	Disk Clean Sage1 App			Edit	

+ Add Task

+ Add Task Group

Affected Systems (1)

WIN-10

Remove

Run Job

Cancel



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### Authentication Templates

The following are the settings for the UAC Enabled Authentication Template

**Details**

**Authentication Settings Template**

Define administrator usernames / passwords used in your network.

Template Name:

☒ Install as local system (the file must be copied to each system before installation) - (UAC)

**Impersonation**

**Install impersonating this user on each target machine**

User name:

Password:

Domain:

☐ Grant this user "logon as service" permissions (required unless the account already has this privilege).

☐ Remove "logon as service" permissions when finished (this will remove the privilege from the account, even if it was not granted by this program).

☐ Impersonate this user locally (required if you are not logged in as the above user). This user **MUST** exist on the local system, and copying locally cannot be enabled!

The following are the settings for the Non-UAC Authentication Template

**Details**

**Authentication Settings Template**

Define administrator usernames / passwords used in your network.

Template Name:

☐ Install as local system (the file must be copied to each system before installation) - (UAC)

**Impersonation**

**Install impersonating this user on each target machine**

User name:

Password:

Domain:

☒ Grant this user "logon as service" permissions (required unless the account already has this privilege).

☒ Remove "logon as service" permissions when finished (this will remove the privilege from the account, even if it was not granted by this program).

☒ Impersonate this user locally (required if you are not logged in as the above user). This user **MUST** exist on the local system, and copying locally cannot be enabled!

**\*\*PLEASE NOTE** – The SyAM Management utility service needs to run as the username and password used in the authentication templates.