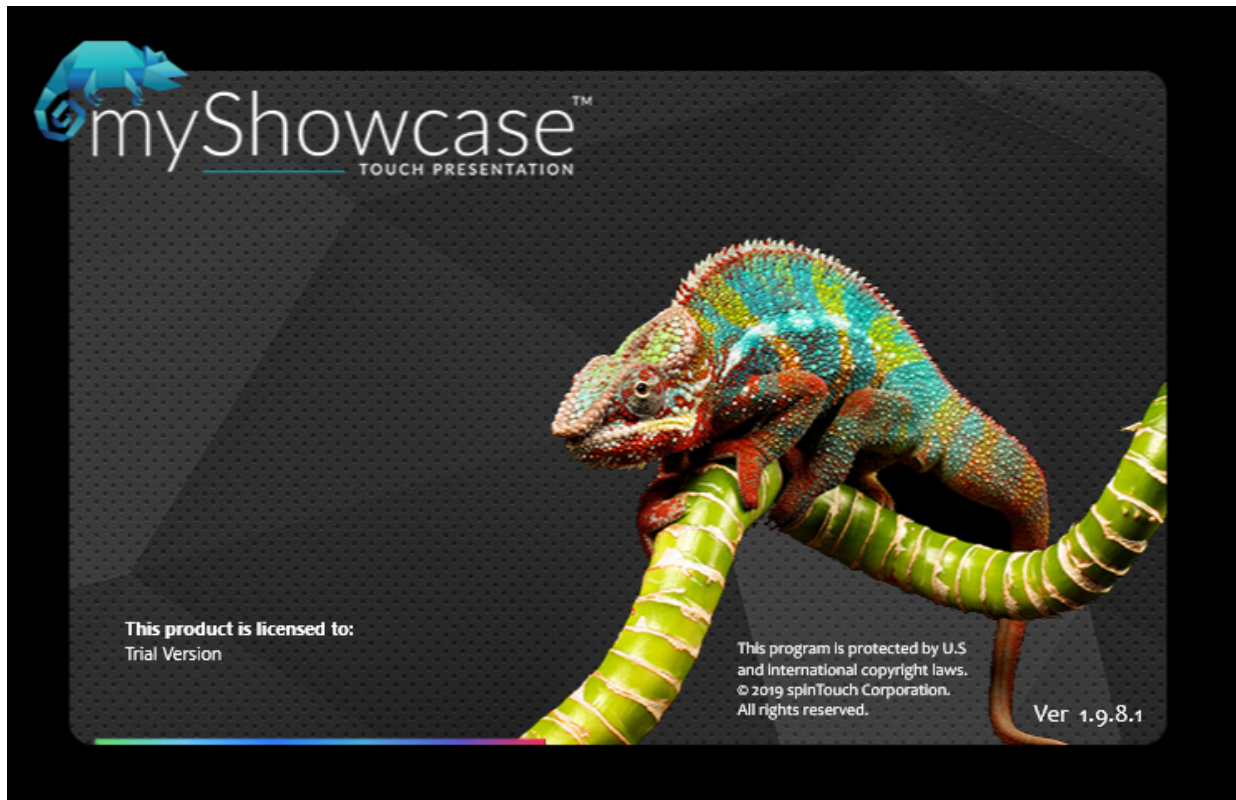


Optimizing The myShowcase Application

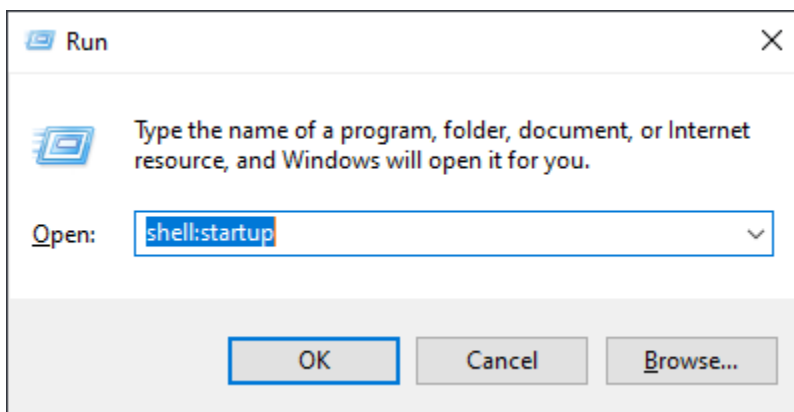


There are several tweaks that you can do to ensure that the myShowcase application runs at its best. This will ensure that the computer keeps the application running at all times and that it will have optimal performance.

1.Set the application to start when Windows boots up

This is a good step to take in case the computer running myShowcase ever loses power briefly or reboots for any other reason.

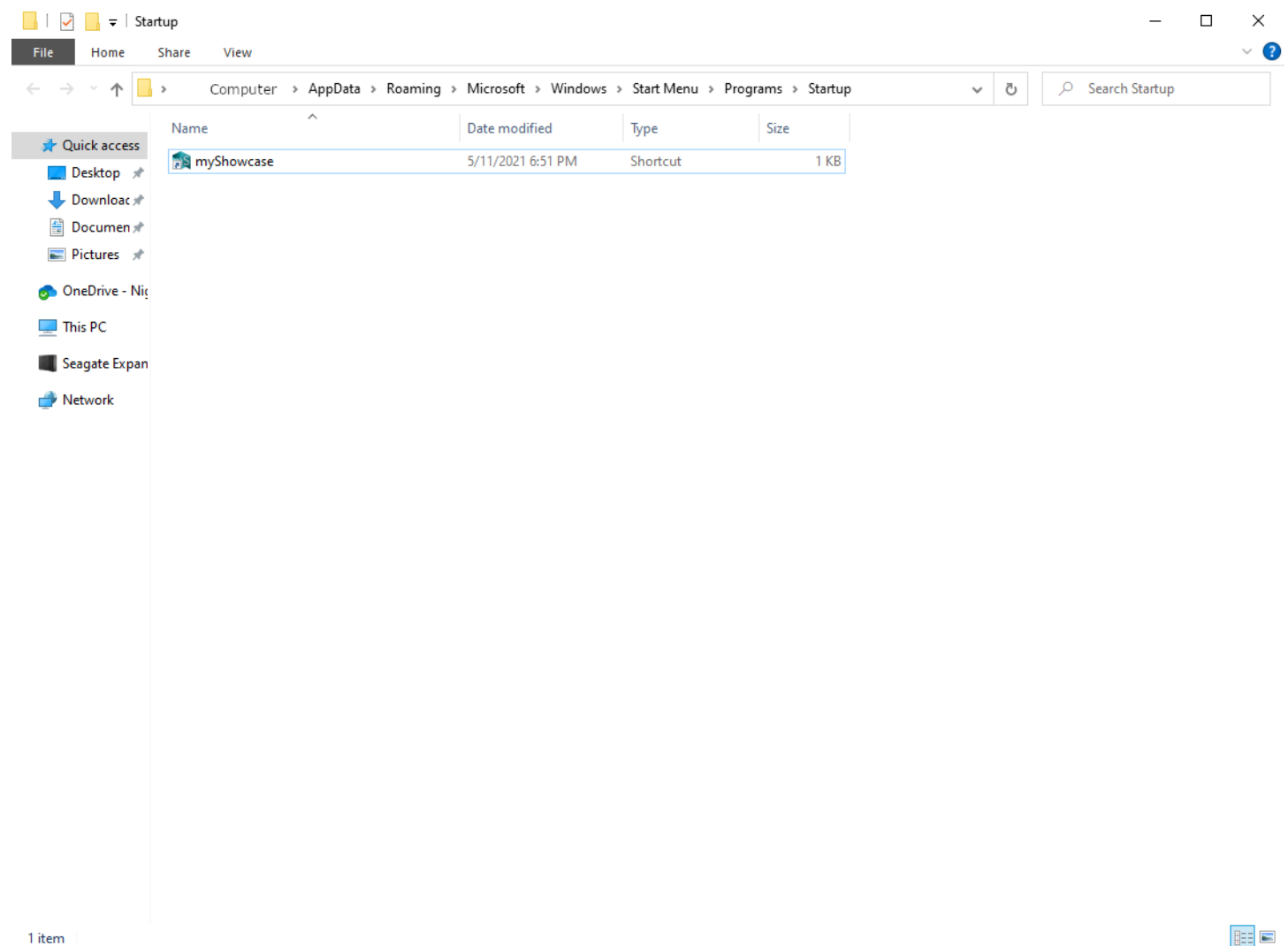
First hit the Windows key + the R key to open the Run prompt:



Then type in the following command:

shell:startup

And hit the OK button, this will open a folder called Startup:



You just need to find the shortcut for myShowcase on your desktop, right click on it, and choose Copy. Then go to this Startup folder and right click in a blank area and then choose 'Paste shortcut' which will put a copy of myShowcase into this Startup folder. This way Windows will automatically start the myShowcase app when it reboots.

2. Set the myShowcase application to have Above Normal Priority

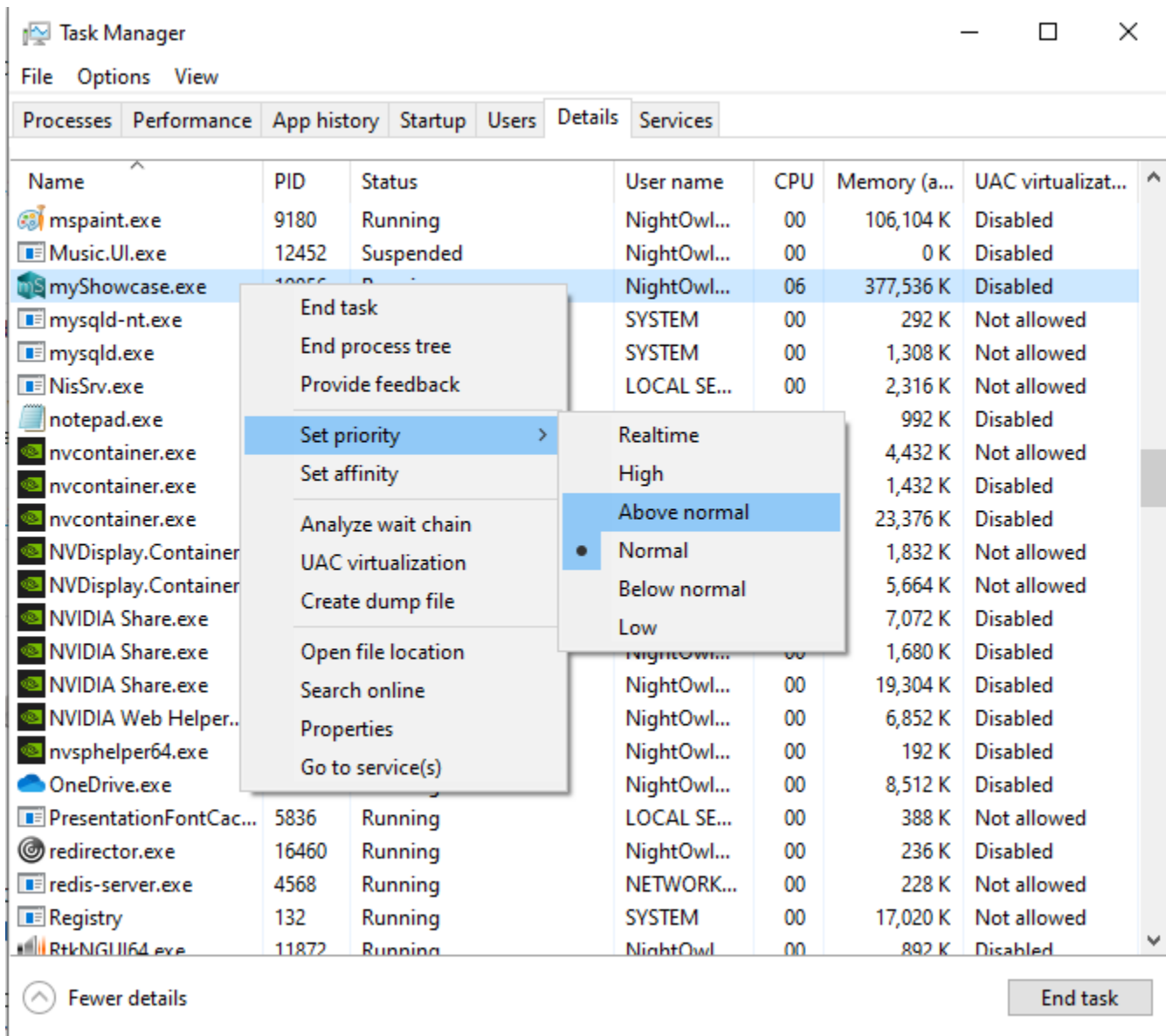
To do this you just need to go into the Task Manager while the myShowcase application is running (you can use Control-Alt-Delete to get to the Task Manager).

You would then locate myShowcase under Apps, and then expand it so you can right click on the myShowcase exe and choose 'Go to details', see example below:

The screenshot shows the Windows Task Manager application with the 'Apps' tab selected. The 'myShowcase 1.9.8.1 (3)' application is expanded, showing its sub-processes. A right-click context menu is open over the 'myShowcase' entry, with the 'Go to details' option highlighted. The task bar at the bottom shows 'Fewer details' and 'End task' buttons.

Name	Status	9% CPU	79% Memory	0% Disk	0% Network
Apps (10)					
> GNU Image Manipulation Progr...		0%	93.7 MB	0 MB/s	0 Mbps
> Google Chrome (42)		0.1%	1,649.5 MB	0 MB/s	0.1 Mbps
▼ myShowcase 1.9.8.1 (3)		4.2%	327.2 MB	0.1 MB/s	0 Mbps
CefSharp.BrowserSubprocess		0.2%	37.5 MB	0 MB/s	0 Mbps
CefSharp.BrowserSubprocess		0%	29.2 MB	0 MB/s	0 Mbps
myShowcase		4.0%	260.5 MB	0.1 MB/s	0 Mbps
> Notepad		0%	2.0 MB	0 MB/s	0 Mbps
> Photos		0%	0 MB	0 MB/s	0 Mbps
> Slack (6)		0.1%	188.7 MB	0.1 MB/s	0.1 Mbps
> Snipping Tool		0%	2.9 MB	0 MB/s	0 Mbps
> Task Manager		0.7%	40.1 MB	0 MB/s	0 Mbps
> Windows Explorer		0%	0.6 MB	0 MB/s	0 Mbps
> Windows Explorer		0.1%	66.6 MB	0 MB/s	0 Mbps

On the details page you can right click on the myShowcase.exe and Set Priority to Above Normal:

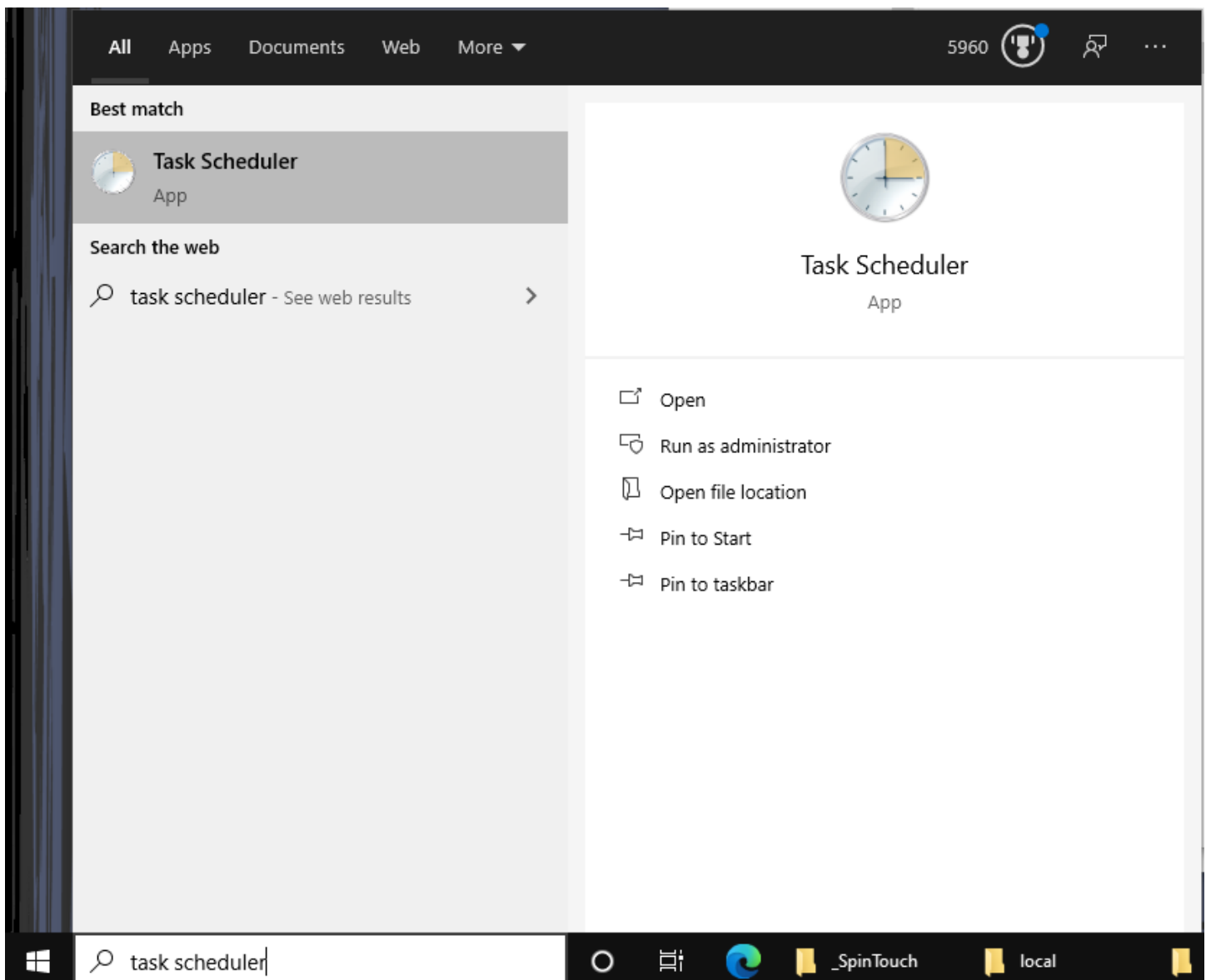


This should help make sure the myShowcase application runs smoothly.

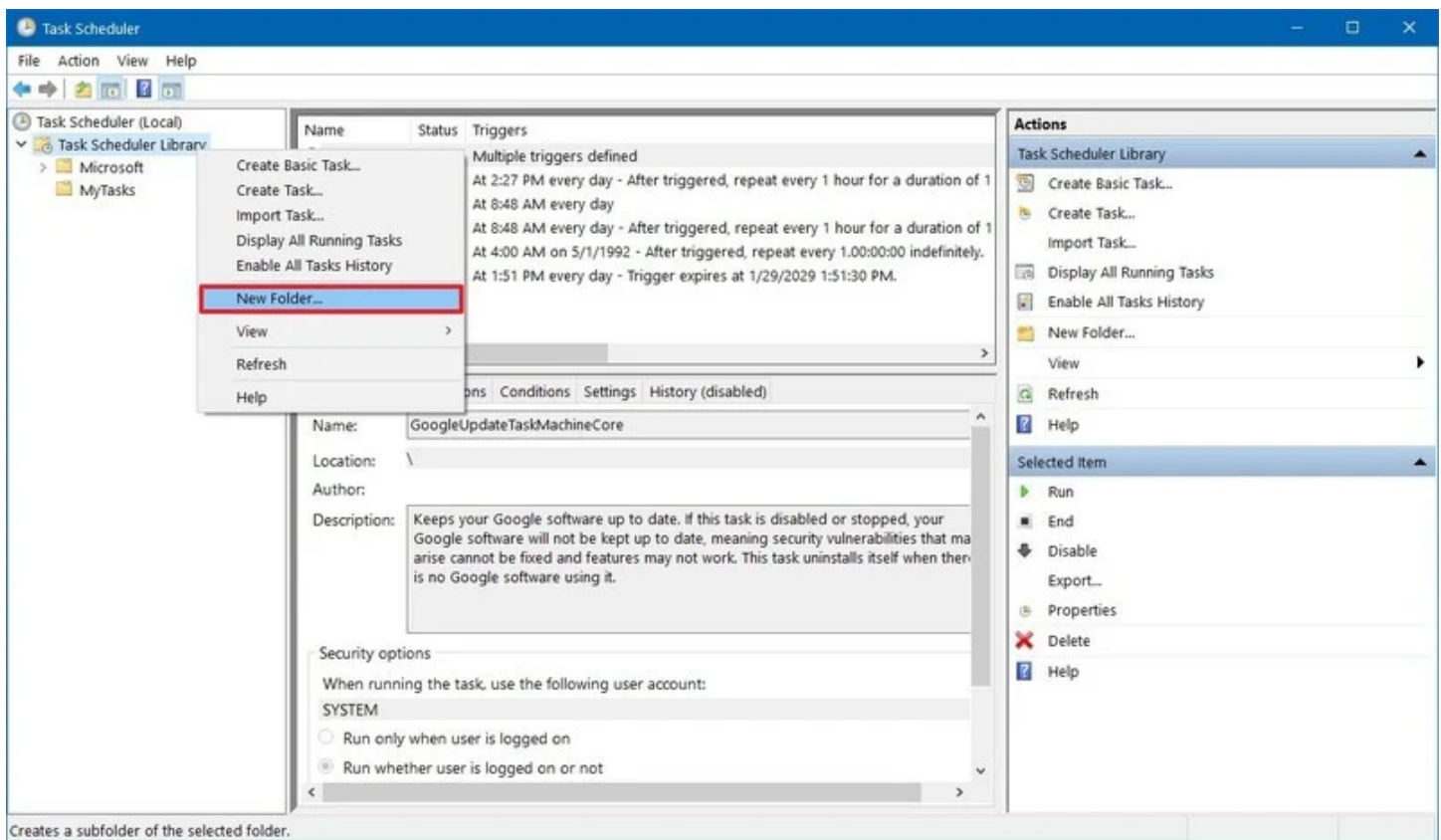
3. Use the Windows Task Scheduler to stop and restart application each morning

A final step to make the application run at its best is to simply schedule it to stop each morning and then restart - this will flush out the cache of the application and ensure continuous operation over extended periods of time.

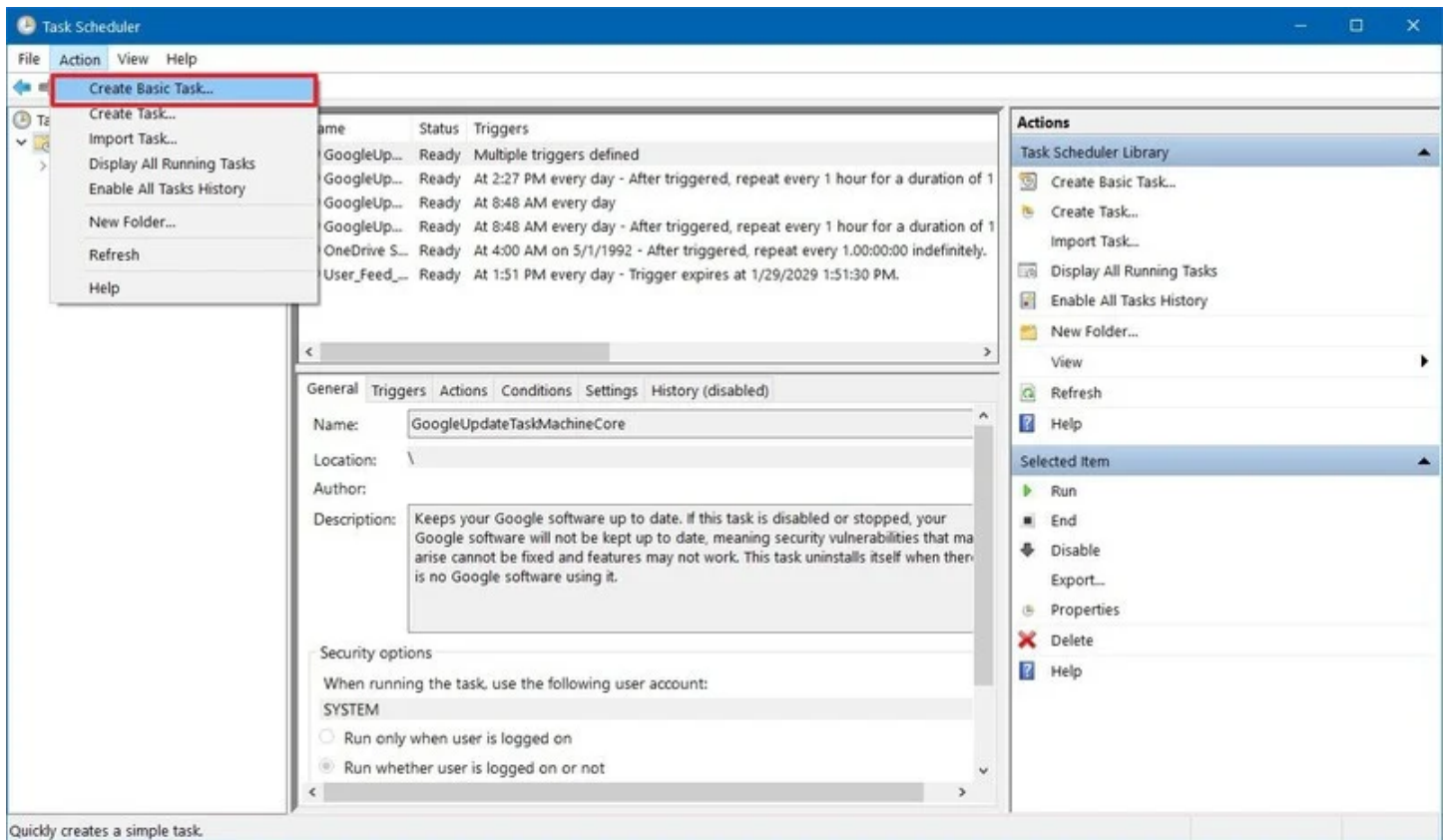
- Open Start.
- Search for Task Scheduler, and click the top result to open the scheduler



- Right-click the "Task Scheduler Library" branch, and select the New Folder option.



- Type a name for the folder. For example, MyTasks. (This step isn't a requirement, but it's a recommended step to keep your tasks separate from the system and apps tasks.)
- Click the OK button.
- Expand the "Task Scheduler Library" branch, and select the MyTasks folder.
- Click the Action menu.
- Select the Create Basic Task option.



- In the "Name" field, type a short descriptive name for the task. For example, myShowcase Starter.

Create Basic Task Wizard

Create a Basic Task

Use this wizard to quickly schedule a common task. For more advanced options or settings such as multiple task actions or triggers, use the Create Task command in the Actions pane.

Trigger

Action

Finish


Name: myShowcase Starter

Description: This tasks restarts the myShowcase application each day.

< Back Next > Cancel

- (Optional) In the "Description" field, create a description for the task.
- Click the Next button.
- Select the Daily option.

Create Basic Task Wizard ✕

 Task Trigger

Create a Basic Task

Trigger

Action

Finish

When do you want the task to start?

☒ Daily

☐ Weekly

☐ Monthly

☐ One time

☐ When the computer starts


☐ When I log on

☐ When a specific event is logged



< Back Next > Cancel

- Click the Next button.
- Now specify when the task should start running and the time (very important).

Create Basic Task Wizard ✕

 Daily

Create a Basic Task

Start: 5/12/2021  4:05:00 AM  ☐ Synchronize across time zones

Trigger

Daily

Recur every: 1 days


Action

Finish

< Back Next > Cancel

- Then hit the Next button, and on the next page you will select the 'Start a program' option, and then hit Next.

Create Basic Task Wizard

 Action

Create a Basic Task

Trigger

Daily

Action

Finish

What action do you want the task to perform?

☒ Start a program


☐ Send an e-mail (deprecated)

☐ Display a message (deprecated)

< Back Next > Cancel

- You would then use the Browse button to find the program you want to start:

Create Basic Task Wizard ×

 Start a Program


Create a Basic Task

Trigger	Program/script:	<input type="text"/>	<input type="button" value="Browse..."/>
Daily			
Action	Add arguments (optional):	<input type="text"/>	
Start a Program			
Finish	Start in (optional):	<input type="text"/>	

< Back Next > Cancel

- After hitting Browse you can simply select the Desktop in the window that pops up and you should be able to find the myShowcase shortcut - select that and it will put in the full path to the program:

Create Basic Task Wizard

 Start a Program

Create a Basic Task

Trigger
Daily

Action
Start a Program

Finish

Program/script:
C:\ProgramData\spinTouch\myShowcase\myShowcase.exe [Browse...](#)

Add arguments (optional):

Start in (optional):

< Back Next > Cancel

- Leave the arguments field blank, then you will want to copy the file-path for the exe and put that in for the Start in (optional) field:

C:\ProgramData\spinTouch\myShowcase\

- This will make the program launch from the folder it is supposed to, then hit Next

The screenshot shows the 'Create Basic Task Wizard' window with the 'Summary' tab selected. The left sidebar contains the following options: 'Trigger', 'Daily', 'Action', 'Start a Program', and 'Finish' (which is highlighted in blue). The main area displays the task configuration: 'Name' is 'myShowcase Starter', 'Description' is 'This tasks restarts the myShowcase.exe daily', 'Trigger' is 'Daily; At 4:05 AM every day', and 'Action' is 'Start a program; C:\ProgramData\spinTouch\myShowcase\myShowcase.exe'. There is an unchecked checkbox for 'Open the Properties dialog for this task when I click Finish' and a note stating 'When you click Finish, the new task will be created and added to your Windows schedule.' At the bottom right are three buttons: '< Back', 'Finish' (highlighted with a blue border), and 'Cancel'.

Create Basic Task Wizard

Summary

Create a Basic Task

Trigger

Daily

Action

Start a Program

Finish

Name: myShowcase Starter

Description: This tasks restarts the myShowcase.exe daily

Trigger: Daily; At 4:05 AM every day

Action: Start a program; C:\ProgramData\spinTouch\myShowcase\myShowcase.exe

☐ Open the Properties dialog for this task when I click Finish

When you click Finish, the new task will be created and added to your Windows schedule.

< Back Finish Cancel

- Finally just click on Finish and your new scheduler task will be created, you will be prompted to enter the Windows user password.

Now we want a task that automatically stops the myShowcase.exe every day just a few minutes before the Starter task gets it running again.

- Back on the Task Scheduler home screen, right click on your MyTasks folder and select 'Create Task' (make sure NOT to do a Basic task this time).

The screenshot shows the 'Create Task' dialog box in Windows Task Scheduler. The 'General' tab is selected. The 'Name' field contains 'myShowcase Stopper'. The 'Location' is set to '\MyTasks'. The 'Author' is 'Computer \ Admin'. The 'Description' field contains 'This task will stop the myShowcase application each day.' The 'Security options' section shows 'When running the task, use the following user account:' with 'Computer \ Admin' selected. Below this, the radio button for 'Run whether user is logged on or not' is selected. The checkbox for 'Do not store password. The task will only have access to local computer resources.' is unchecked. The checkbox for 'Run with highest privileges' is checked. At the bottom, the 'Hidden' checkbox is unchecked, and the 'Configure for:' dropdown is set to 'Windows 10'. The 'OK' and 'Cancel' buttons are at the bottom right.

Create Task

General Triggers Actions Conditions Settings

Name: myShowcase Stopper

Location: \MyTasks

Author: Computer \ Admin

Description: This task will stop the myShowcase application each day.

Security options

When running the task, use the following user account:

Computer \ Admin Change User or Group...

☐ Run only when user is logged on

☒ Run whether user is logged on or not

☐ Do not store password. The task will only have access to local computer resources.

☒ Run with highest privileges

☐ Hidden Configure for: Windows 10

OK Cancel

- Give the task a name and a description, and select the option to 'Run whether user is logged on or not' as well as the option to 'Run with highest privileges'. Make sure to also set the 'Configure for' option to Windows 10.
- Then click on the Triggers tab, and then click New to create a new trigger.

New Trigger ✕

Begin the task: On a schedule ▾

Settings

☐ One time Start: 5/12/2021 📅 4:00:00 AM ⬆️⬆️⬆️ ☐ Synchronize across time zones

☒ Daily

☐ Weekly

☐ Monthly

Recur every: 1 days

Advanced settings

☐ Delay task for up to (random delay): 1 hour ▾

☐ Repeat task every: 1 hour ▾ for a duration of: 1 day ▾

☐ Stop all running tasks at end of repetition duration

☐ Stop task if it runs longer than: 3 days ▾

☐ Expire: 5/12/2022 📅 12:55:01 PM ⬆️⬆️⬆️ ☐ Synchronize across time zones

☒ Enabled

OK Cancel

- Select the option for Daily, and set the date this tasks beings - most importantly set the time for the task to run (in this case 4 AM, which is 5 minutes before our previous task is set to restart the application).
- Leave the other options alone and hit the OK button.

Create Task

General Triggers Actions Conditions Settings

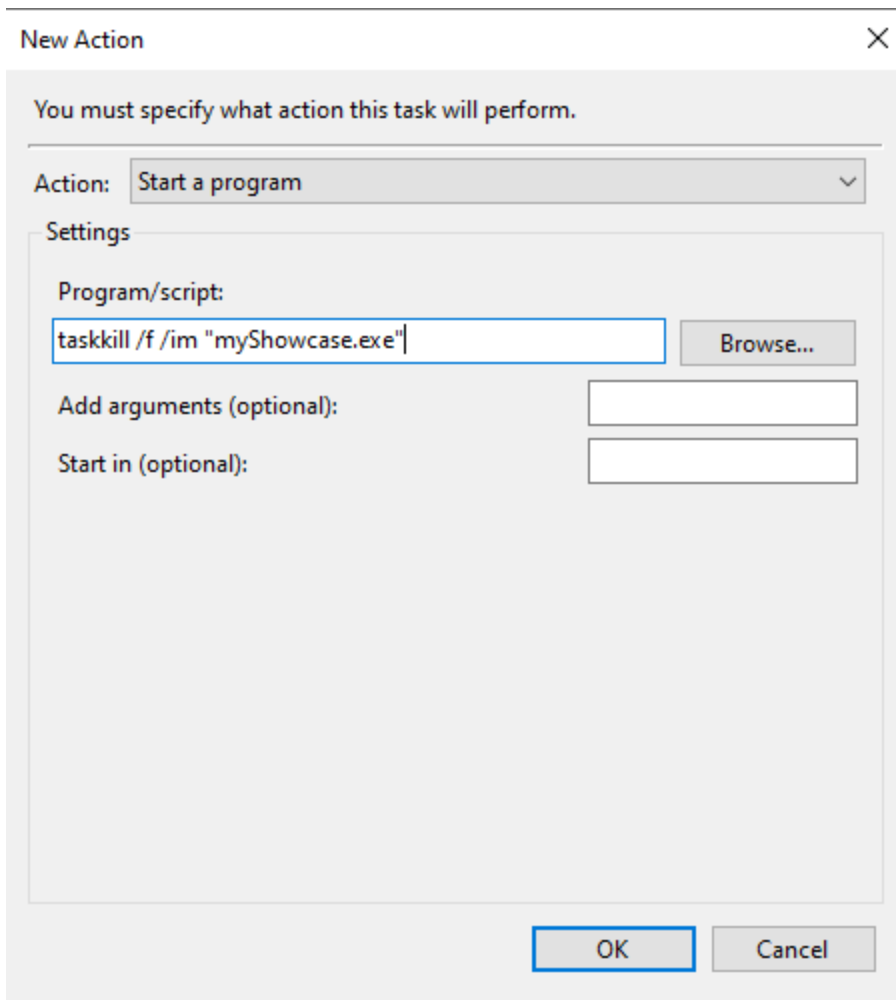
When you create a task, you can specify the conditions that will trigger the task.

Trigger	Details	Status
Daily	At 4:00 AM every day	Enabled

New... Edit... Delete

OK Cancel

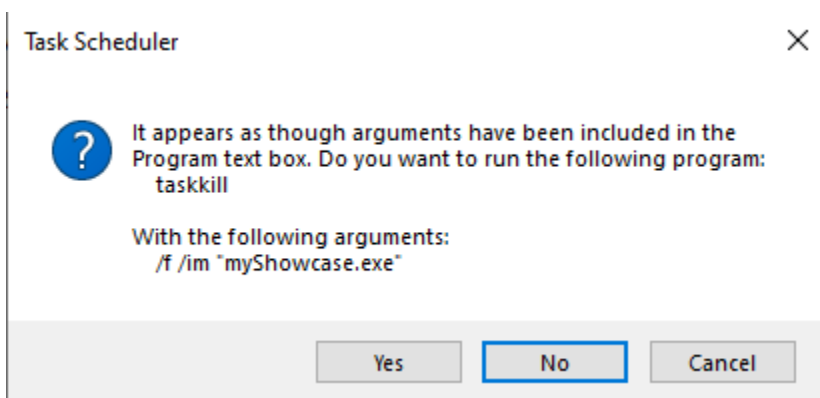
- Now click on the Actions tab, and then click on New to create a new Action.



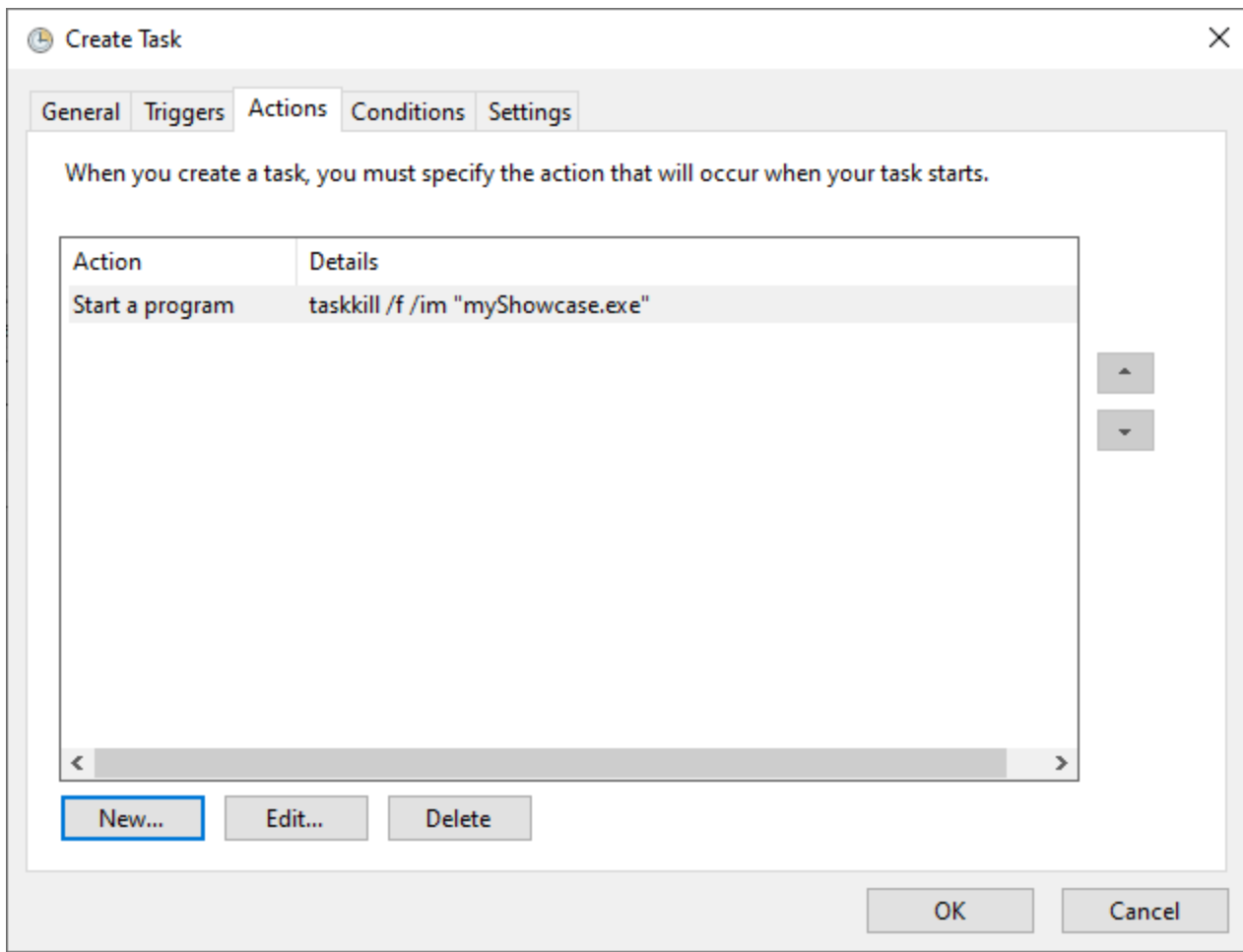
- Leave the action type as 'Start a program' and type in the following in the Program / script field:

`taskkill /f /im "myShowcase.exe"`

- Then hit the OK button and it will ask you to confirm



- Click on Yes and this will create the action.



- Next click on the Conditions tab. Uncheck both the boxes about AC power and battery power, and make sure to check the box for 'Wake the computer to run this task'.

Create Task

General Triggers Actions Conditions Settings

Specify the conditions that, along with the trigger, determine whether the task should run. The task will not run if any condition specified here is not true.

Idle

☐ Start the task only if the computer is idle for: 10 minutes

Wait for idle for: 1 hour

☒ Stop if the computer ceases to be idle

☐ Restart if the idle state resumes

Power

☐ Start the task only if the computer is on AC power

☐ Stop if the computer switches to battery power

☒ Wake the computer to run this task

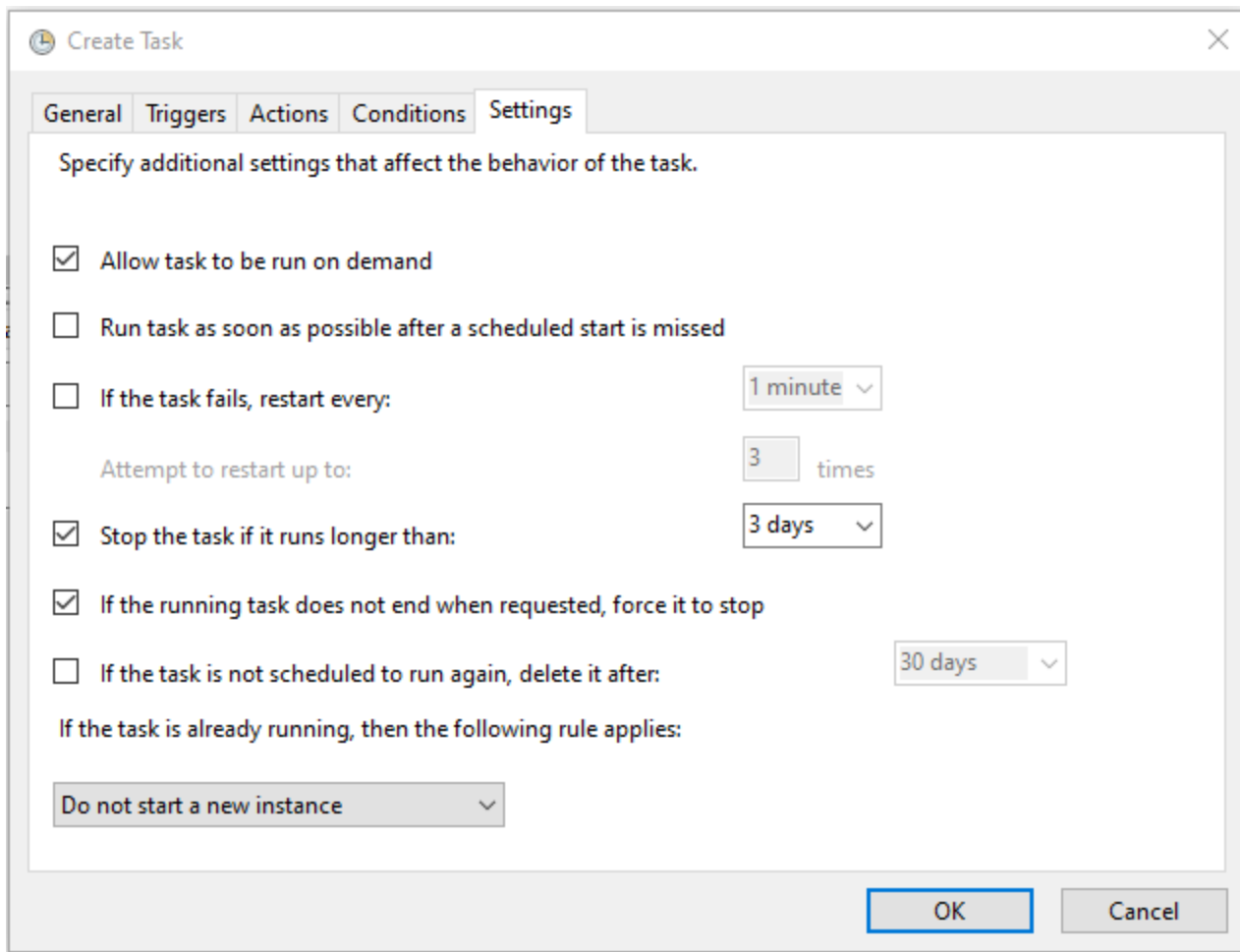
Network

☐ Start only if the following network connection is available:

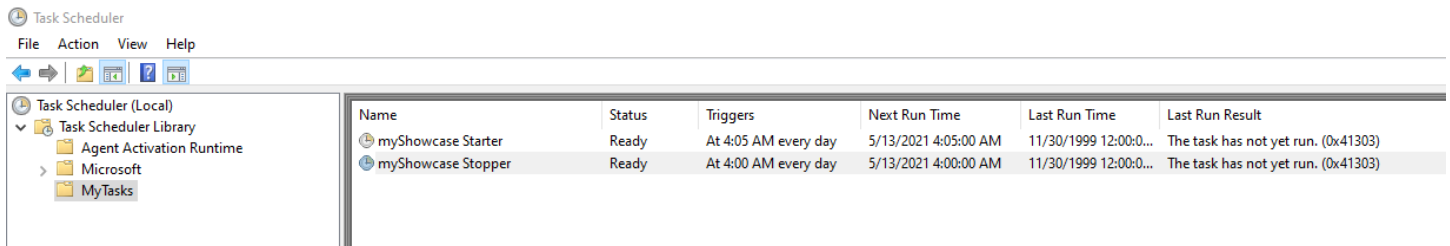
Any connection

OK Cancel

- Then click on the Settings tab - check the box to 'Run task as soon as possible after a scheduled start is missed'.



- Finally hit the OK button and this will create your new task for stopping myShowcase (you will be prompted to enter the Windows user password).

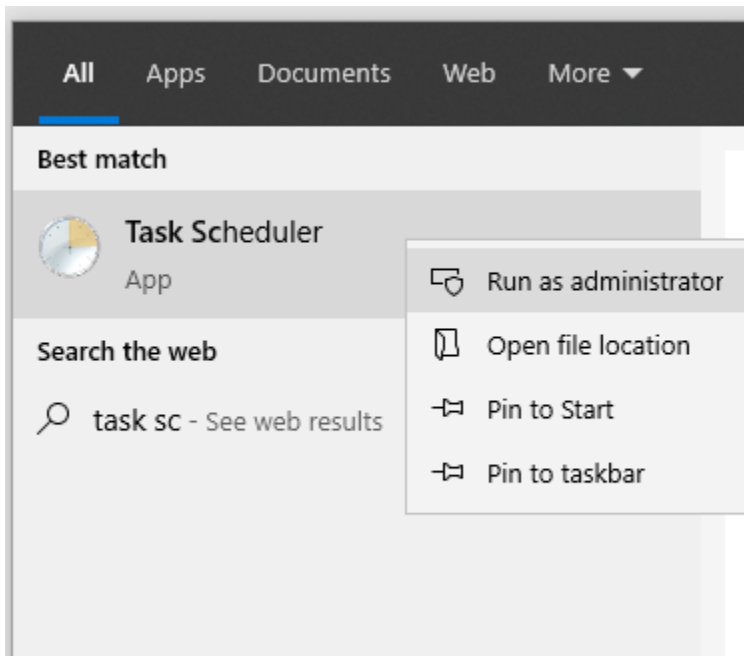


With these two tasks in place, the computer will automatically stop myShowcase each day at 4 AM and then automatically start myShowcase each day at 4:05 AM. This way the application is cleared out daily to ensure smooth operation.

4.Changing the Local Security Policy to Allow Scheduled Tasks On a PC with No Password

On a computer that has no password set for the Windows user account, you will run into a problem where trying to use the Task Scheduler will ask you to put in a password and it won't accept a blank one.

To work around this you can try running Task Scheduler as an Administrator:



This might stop the Task creation from asking for a password.

Also you might try NOT selecting the option to Run whether user is logged on or not (and instead choose to Run only when user is logged on) - this could prevent the Task creation from wanting a password:

The screenshot shows the 'Create Task' dialog box in Windows Task Scheduler. The 'General' tab is selected. The 'Name' field is 'myShowcase Stopper', 'Location' is '\MyTasks', and 'Author' is 'Computer \ Admin'. The 'Description' field contains the text 'This task will stop the myShowcase application each day.' The 'Security options' section shows 'When running the task, use the following user account:' set to 'Computer \ Admin' with a 'Change User or Group...' button. Below this, there are three radio button options: 'Run only when user is logged on', 'Run whether user is logged on or not' (which is selected and has a red 'X' over it), and 'Do not store password. The task will only have access to local computer resources.' There are also checkboxes for 'Do not store password...' and 'Run with highest privileges' (which is checked). At the bottom, there is a 'Hidden' checkbox and a 'Configure for:' dropdown menu set to 'Windows 10'. 'OK' and 'Cancel' buttons are at the bottom right.

Create Task

General Triggers Actions Conditions Settings

Name: myShowcase Stopper

Location: \MyTasks

Author: Computer \ Admin

Description: This task will stop the myShowcase application each day.

Security options

When running the task, use the following user account:

Computer \ Admin Change User or Group...

☒ Run only when user is logged on

☒ Run whether user is logged on or not

☐ Do not store password. The task will only have access to local computer resources.

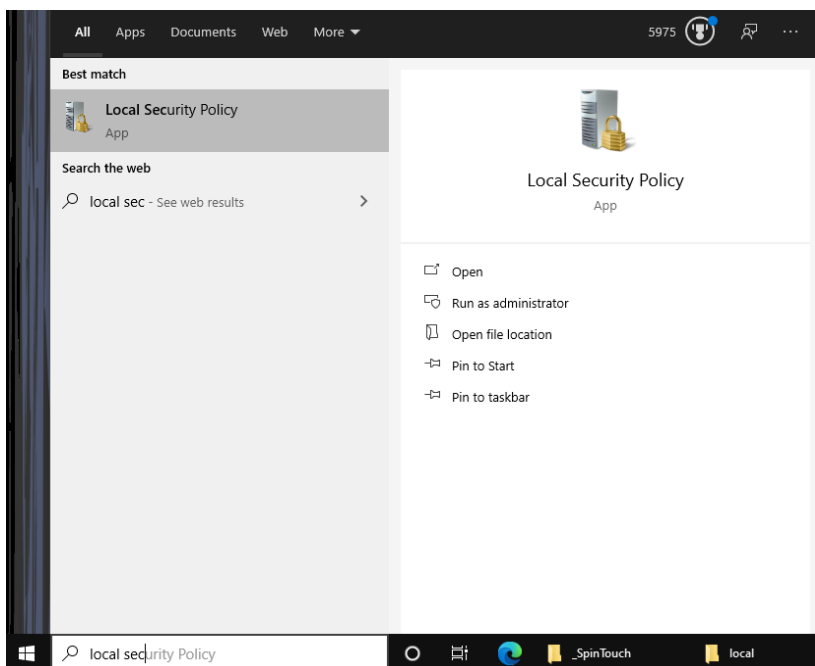
☒ Run with highest privileges

☐ Hidden Configure for: Windows 10

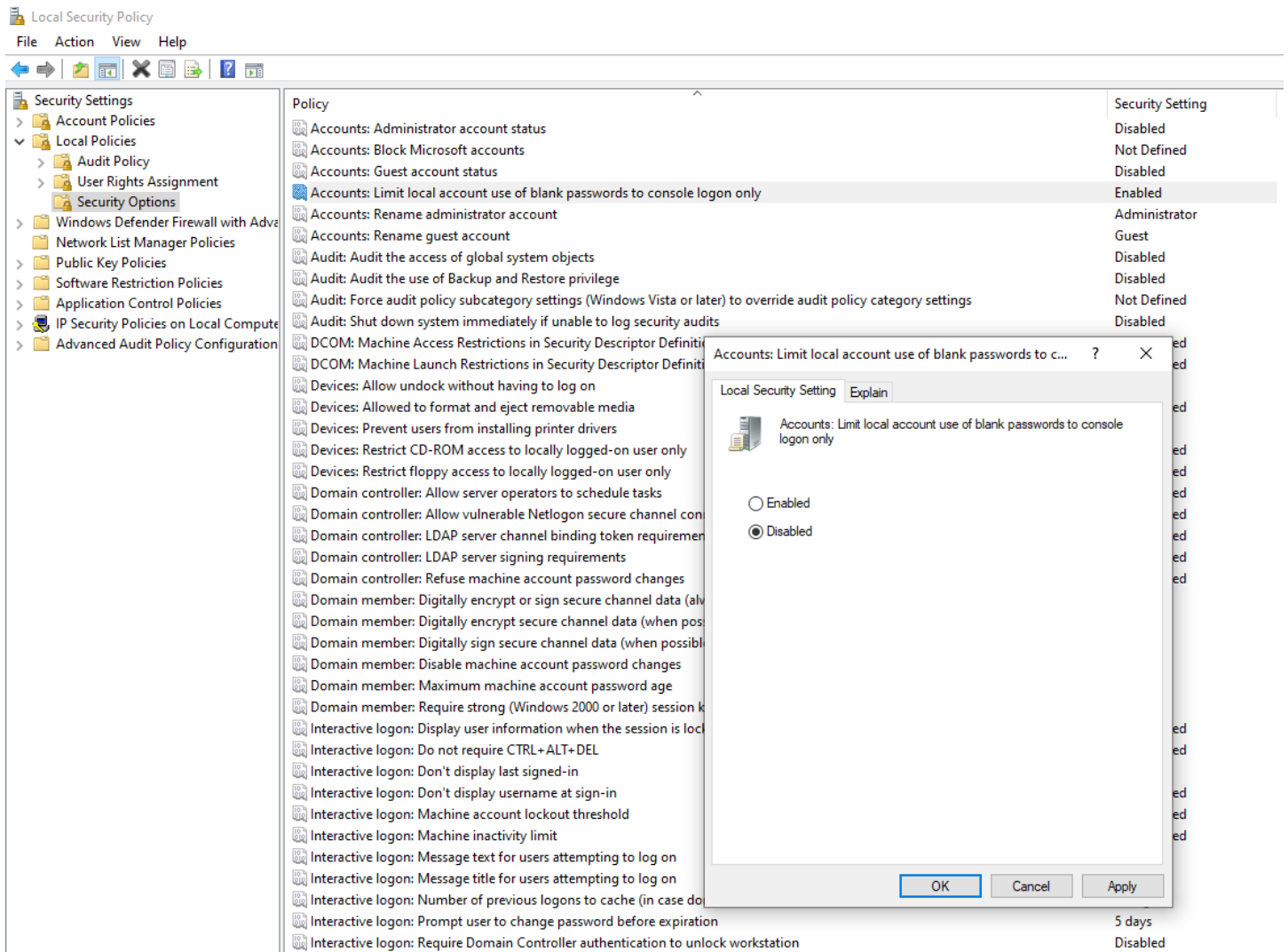
OK Cancel

If neither of these options work, there is a final way to work past this issue.

Do a search for Local Security Policy in the Windows search bar:



After going into the Local Security Policy app you would expand the Local Policies under the Security Settings on the left, then click on Security Options. Then on the right select the option for 'Accounts: Limit local account use of blank passwords to console logon only' and toggle that option to Disabled, then Apply.



With that option Disabled you should now be able to go back to Task Scheduler and create your tasks without the blank password being a problem.