

Setup: I decided to try installing this on the oldest copy of Windows 10 that I had. Windows 10 v 1709 x64.
I installed this on a Hyper-V VM and did not give it an internet connection until the end, so this is all done offline.

If you have any version of 3d Scan installed, start by removing it. Click Start > 3d Scan, right-click and select Uninstall.
Restart your PC afterwards.

Before you continue, disconnect from the internet. This is to keep the store from messing things up when we are in the middle of installing.

Copy the desired version folder to C:\Temp. In this document I am installing 1.0.25.0 x64, but the steps are nearly identical for the other versions.
Open the appropriate notepad file, then copy/paste the command into powershell.

1. Run the powershell command to install the packages and their constituents.
(I am installing v1.0.25.0 x64. Just open the appropriate text file, then copy/paste the command into your powershell.)

```
PS C:\Windows\system32> Add-AppxPackage -Path 'C:\Temp\3DScan_v1.0.25.0\x64\Microsoft.3DScan_2016.25.2211.0_neutral~8wekyb3d8bbwe.AppxBundle'-DependencyPath 'C:\Temp\3DScan_v1.0.25.0\x64\Microsoft.VCLibs.120.00_12.0.21005.1_x64__8wekyb3d8bbwe.Appx', 'C:\Temp\3DScan_v1.0.25.0\x64\Microsoft.WindowsPreview.Kinect.8.1_2.0.1410.19000_x64__8wekyb3d8bbwe.Appx'
```
2. Run the program. It will open up and then close. This is expected.
Note: uh... huh? When I installed this on my fresh install of Win 10 v1709 I had this issue. When I installed it on my actual workstation (Win 10 21H2) I did not have the errors. It actually opened right up.
It might have been because I had installed the v2 from the store earlier. Not sure, but noteworthy.
So if you don't see it throwing errors in the event log, or it doesn't close right away, you can *probably* skip down to step 8.

3. Open the event viewer and go to Windows Logs > System
You should see two errors. Event ID 10001 and 10016. **Click on the 10016 event.**
In the general text, we are looking for two pieces of data. The **AppID** and **CLSID**. Take note of these.

System Number of events: 3

Level	Date and Time	Source	Event ID	Task Category
Error	3/22/2022 9:03:01 AM	Distrib...	10001	None
Error	3/22/2022 9:03:01 AM	Distrib...	10016	None
Information	3/22/2022 9:02:51 AM	Eventlog	104	Log clear

Event 10016, DistributedCOM

General Details

The application-specific permission settings do not grant Local Activation permission for the COM Server application with CLSID {9A4948D9-13FC-4FAC-B60A-FBA6EE0FB11C} and APPID {50E1C3FD-EC35-490E-9CCF-C68F9AE91919} to the user NT AUTHORITY\LOCAL SERVICE SID (S-1-5-19) from address LocalHost (Using LRPC) running in the application container Unavailable SID (Unavailable). This security permission can be modified using the Component Services administrative tool.

Log Name: System

Source: DistributedCOM Logged: 3/22/2022 9:03:01 AM

Event ID: 10016 Task Category: None

Level: Error Keywords: Classic

User: LOCAL SERVICE Computer: DESKTOP-067A8QU

OpCode: Info

More Information: [Event Log Online Help](#)

In my test, The CLSID is {9A4948D9-13FC-4FAC-B60A-FBA6EE0FB11C}
The AppID is {50E1C3FD-EC35-490E-9CCF-C68F9AE91919}

4. Next, we need to fix registry permissions for the CLSID.
Open Registry Editor and go to:
HKEY_CLASSES_ROOT > CLSID
Click **Edit > Find**, then paste the CLSID in the search box.
(or you can scroll through the list and find the CLSID manually.)
Once found, you should see an entry for the AppID. Double-check to make sure this matches the AppID we found in the event viewer.
Right-click on the CLSID and select Permissions.

Registry Editor

File Edit View Favorites Help

Computer\HKEY_CLASSES_ROOT\CLSID\{9A4948D9-13FC-4FAC-B60A-FBA6EE0FB11C}

Name	Type	Data
(Default)	REG_SZ	SLSCClient
{50E1C3FD-EC35-490E-9CCF-C68F9AE91919}	REG_SZ	{50E1C3FD-EC35-490E-9CCF-C68F9AE91919}

Expand

New

Find...

Delete

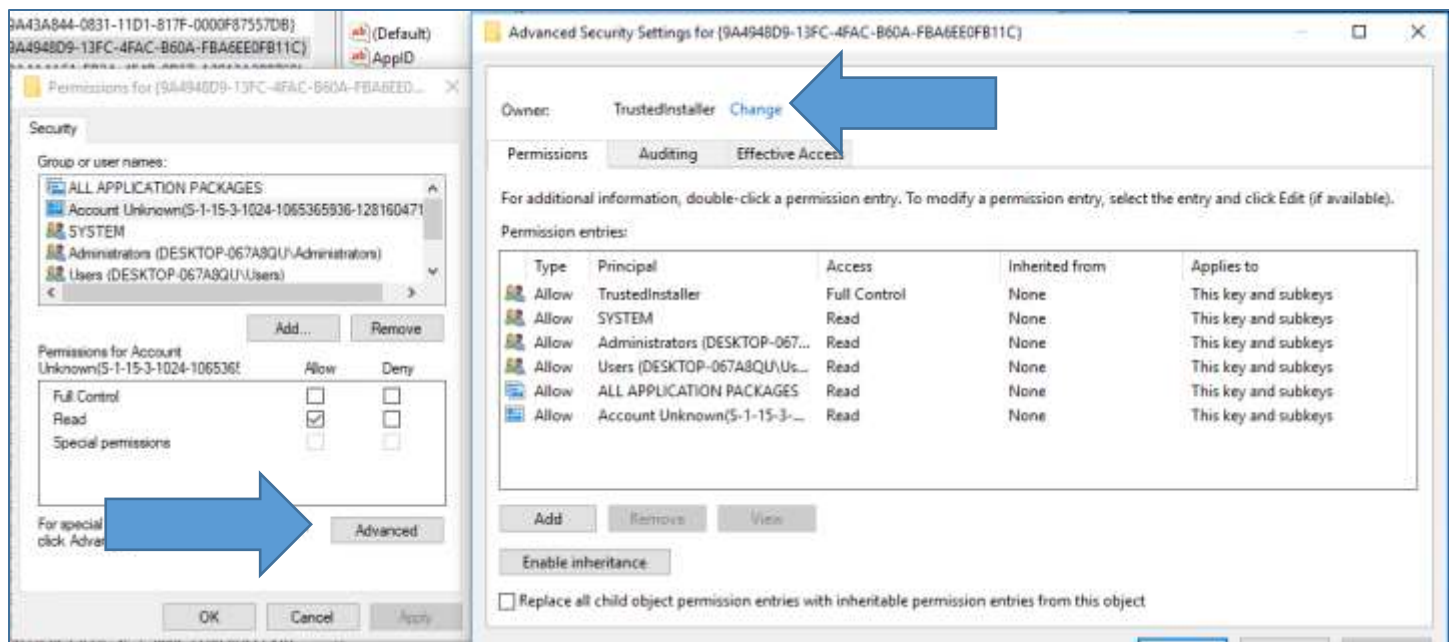
Rename

Export

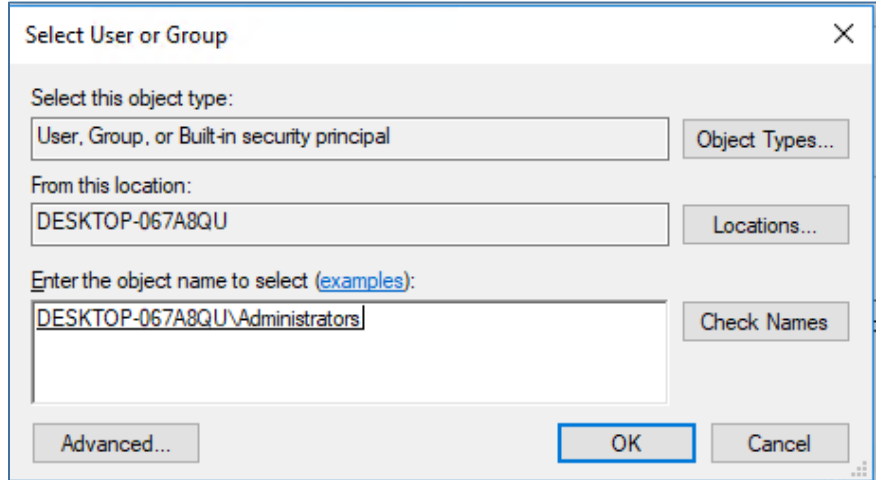
Permissions...

Copy Key Name

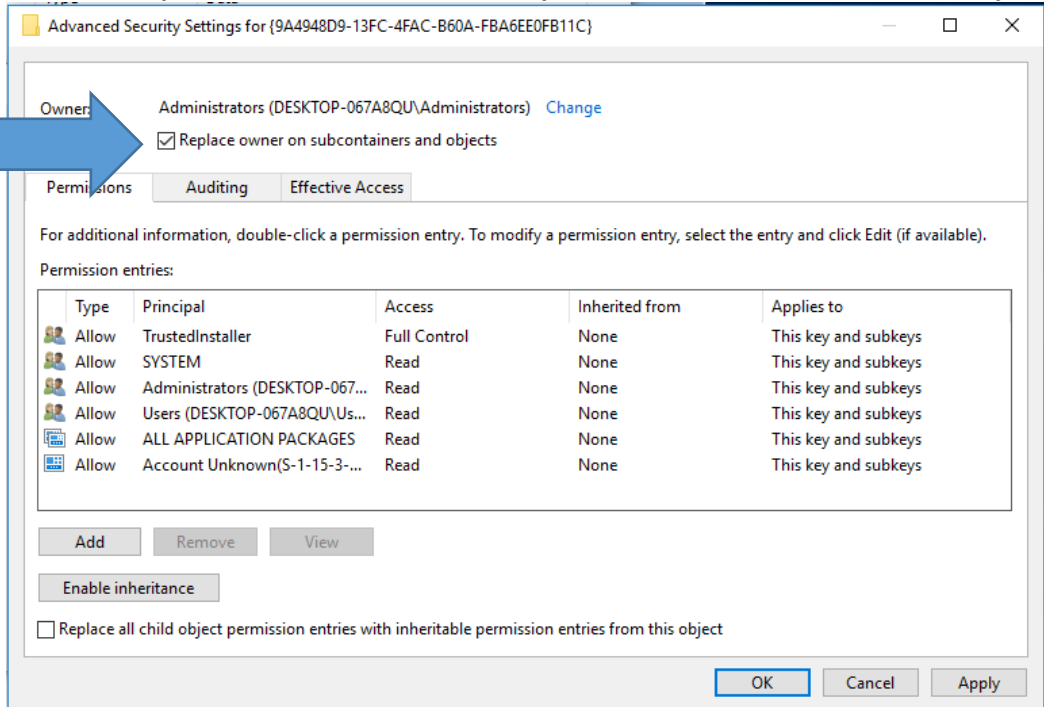
Click **Advanced**. At the top, Owner will be TrustedInstaller. Click **Change**.



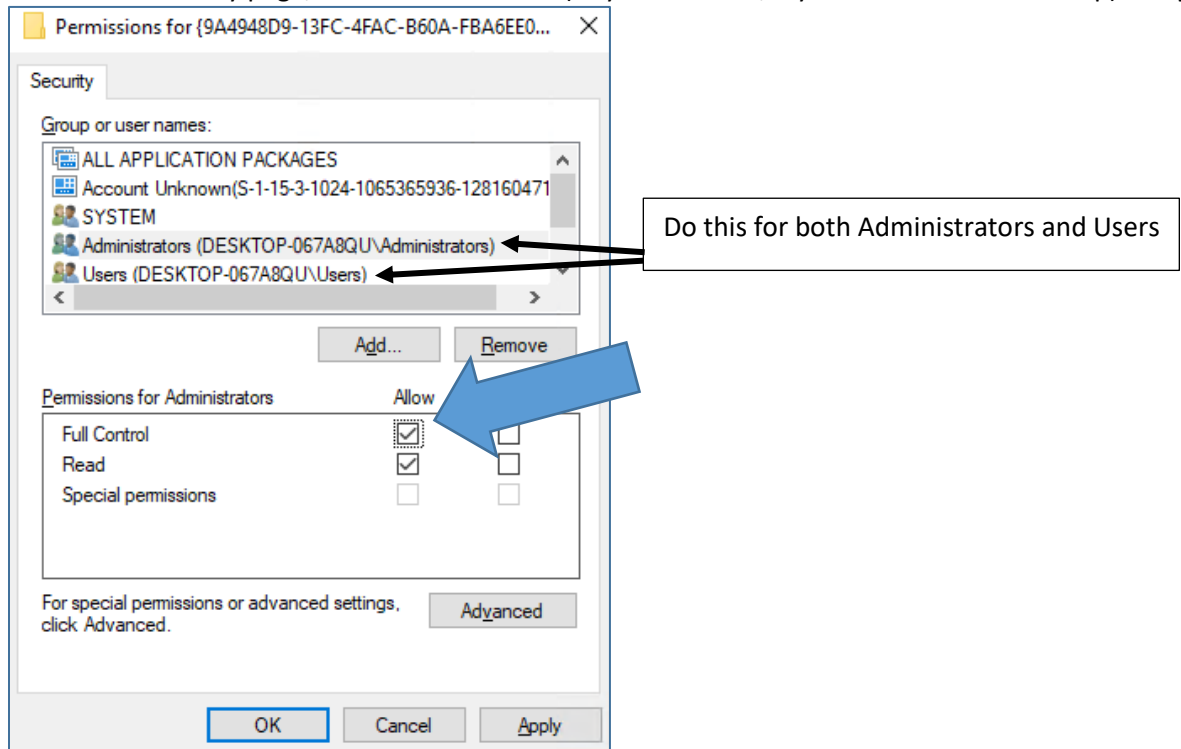
Here you have a couple options – you can assign this to your account, or you can assign it to the Administrators group. In my test, I just assigned it to my local administrators group. Once typed in, click Check Names. If all is correct, it will underline the object name.



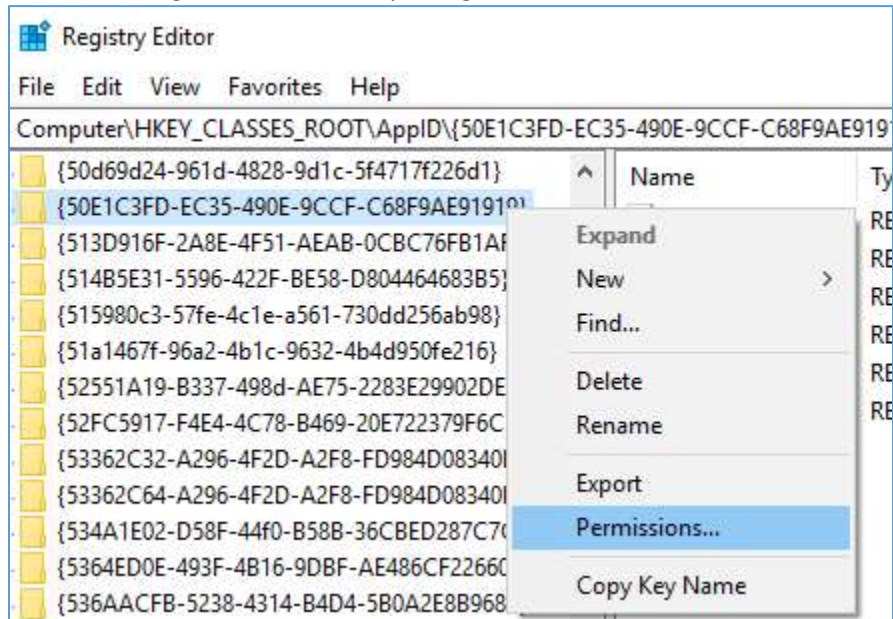
Click OK and **put a checkmark in the box “Replace owner on subcontainers and objects”** and click OK.



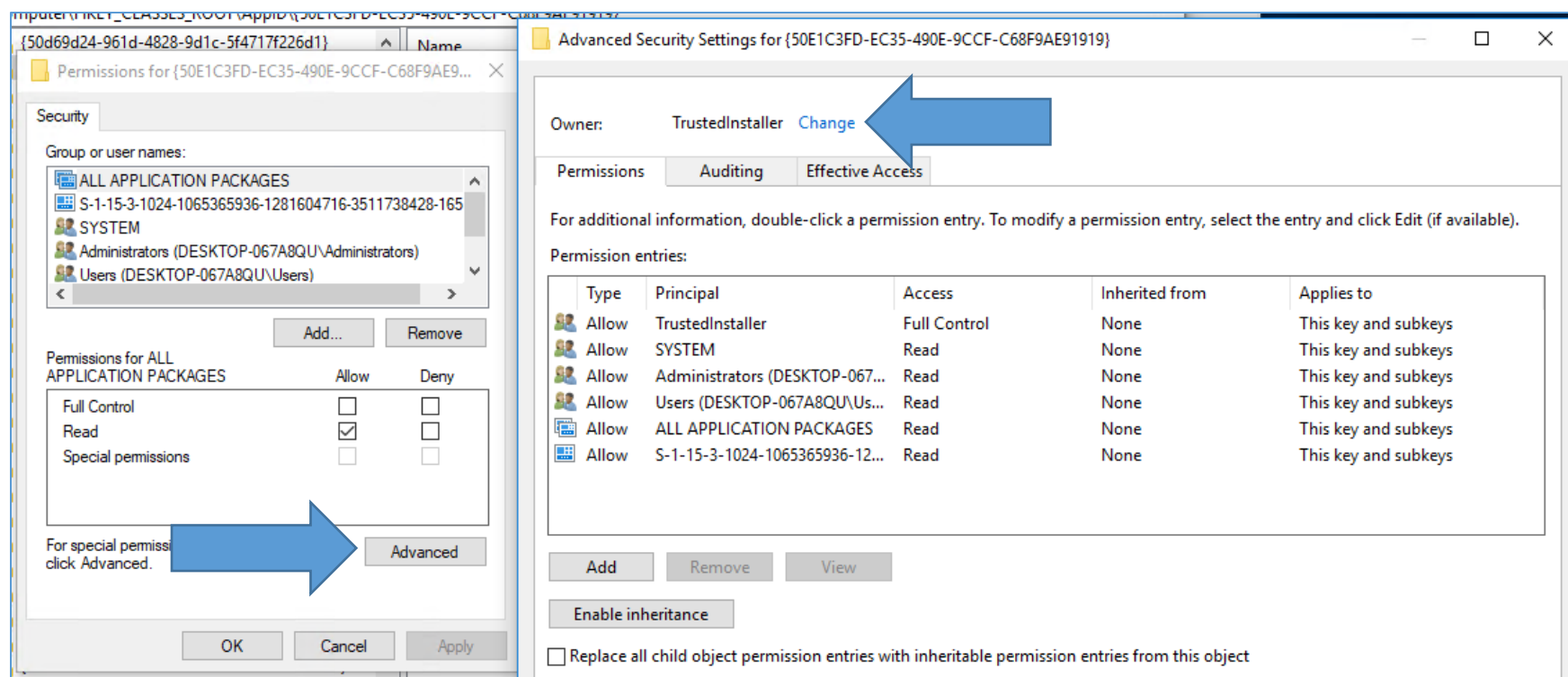
Back to the security page, **find Administrators** (or your account, if you took direct ownership) and **put a checkmark in Full Control** and click OK. Also, put a checkmark for full control under the Users group.



- Next, we need to fix registry permission for the AppID.
Go to **HKEY_CLASSES_ROOT > AppID**
Edit > Find and search for the AppID we found earlier. (Alternatively, find it in the list manually.)
Like before, right-click on the key and go to Permissions.

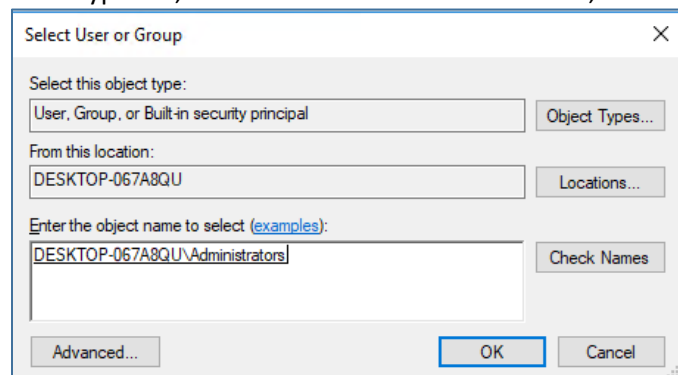


Click **Advanced**, and Owner at the top click **Change**

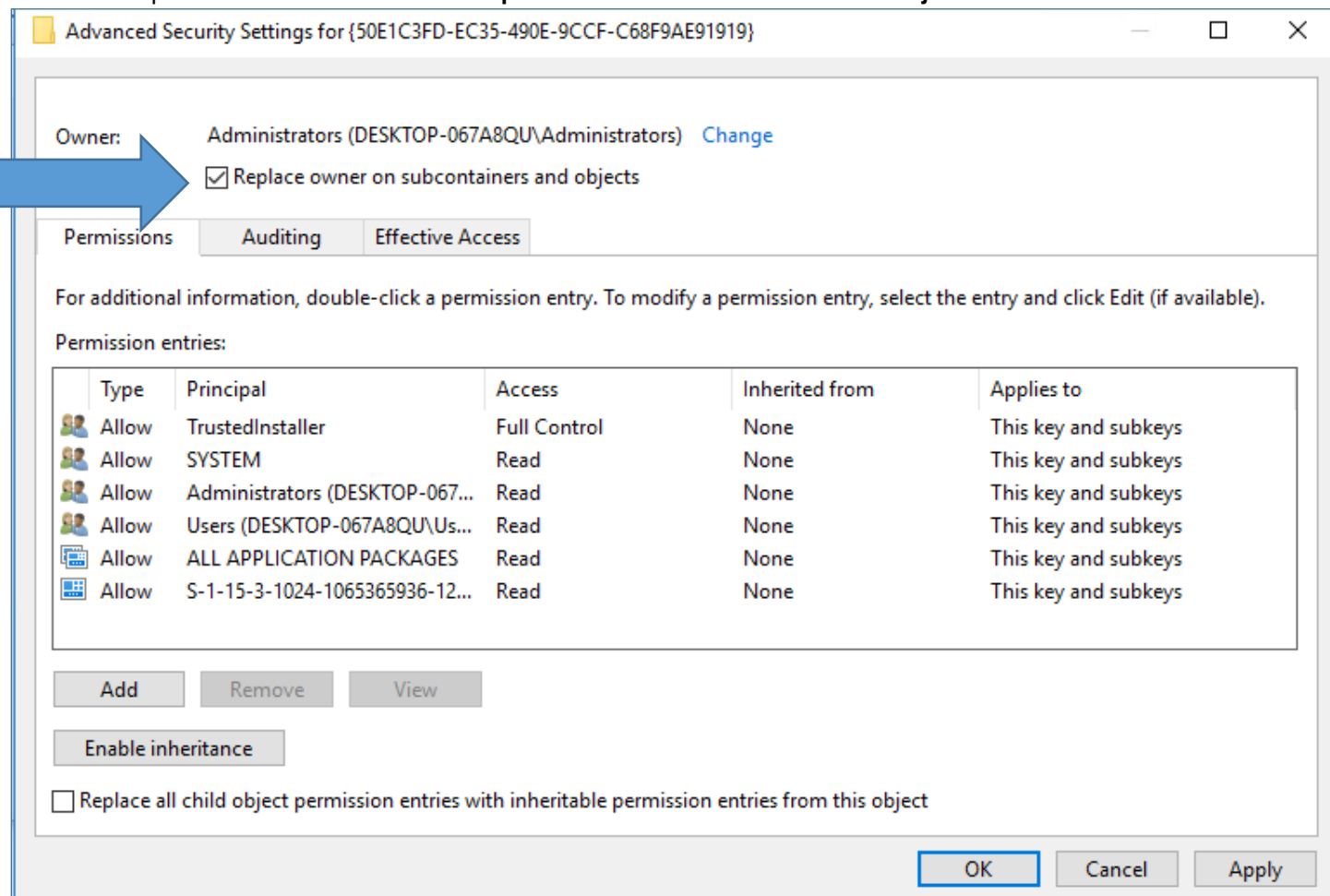


Here you have a couple options – you can assign this to your account, or you can assign it to the Administrators group. (Use the same account as earlier.) In my test, I just assigned it to my local administrators group.

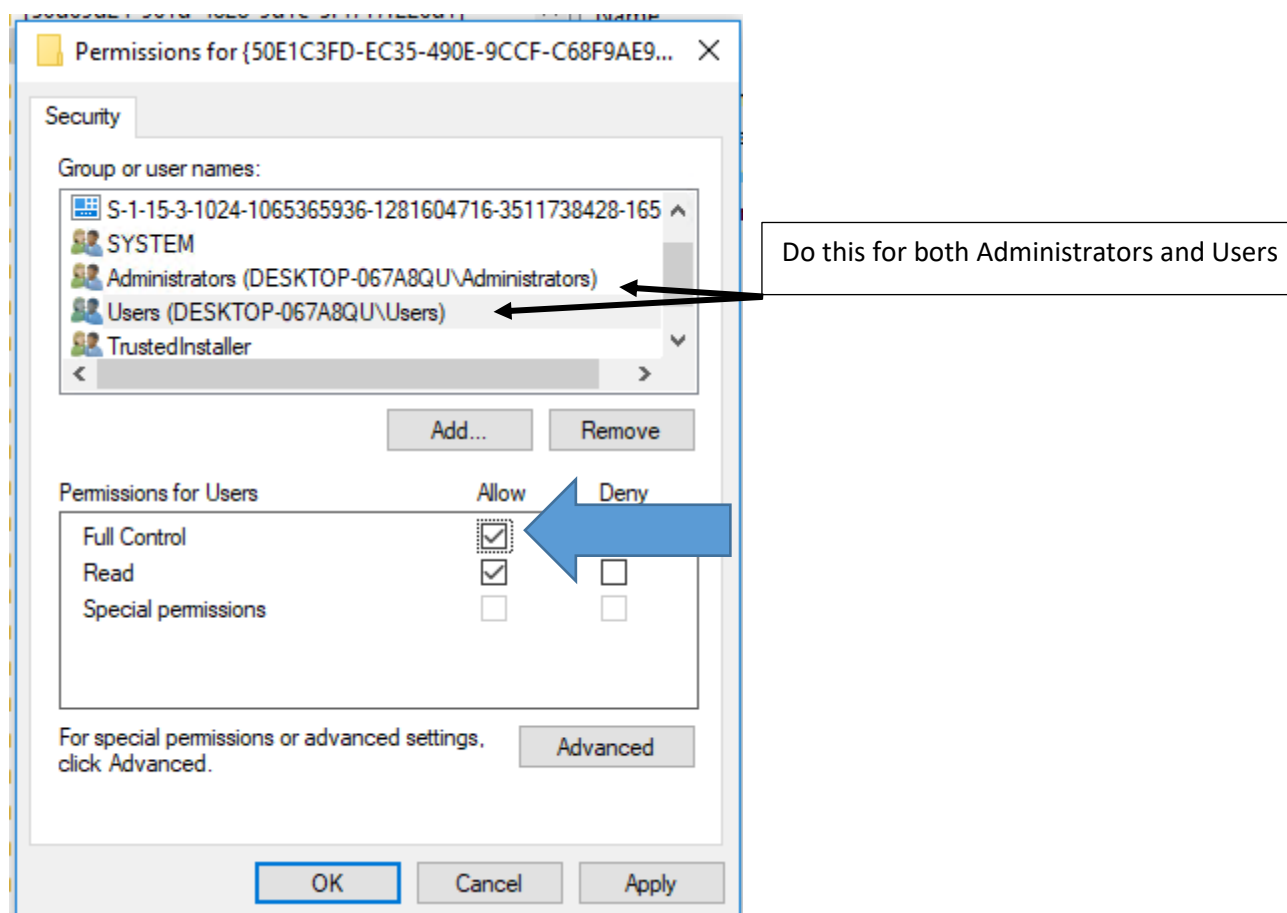
Once typed in, click Check Names. If all is correct, it will underline the object name.



Click OK and put a checkmark in the box “Replace owner on subcontainers and objects” and click OK.



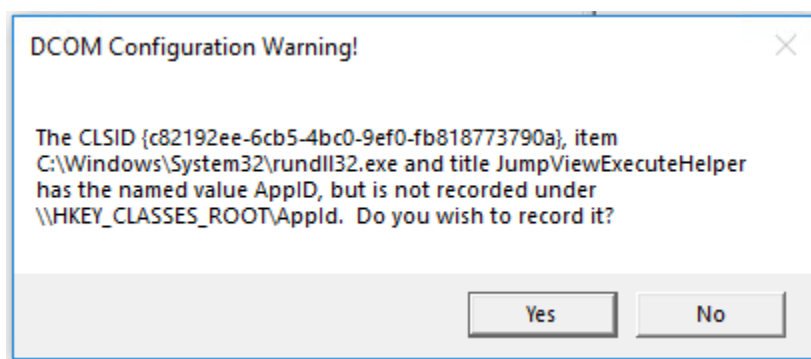
Back to the security page, find **Administrators** (or your account if you took direct ownership) and put a **checkmark in Full Control** and click OK. Do the same for the Users group, then click OK.



Ok, we’re done with the registry, so close that up.

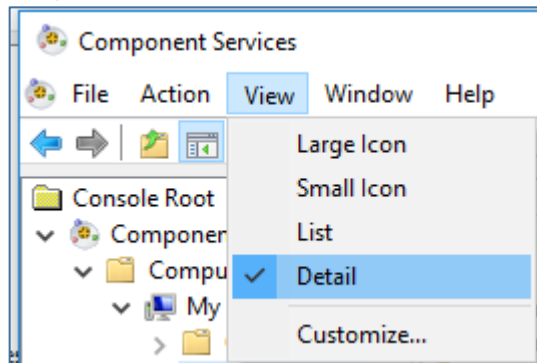
- Next, we need to fix the DCOM permissions
Click start and type Component. Open **Component Services**.
Expand **Component Services > Computers > My Computer > DCOM Config**

You might not have this happen, but when I first opened this, I got this error.



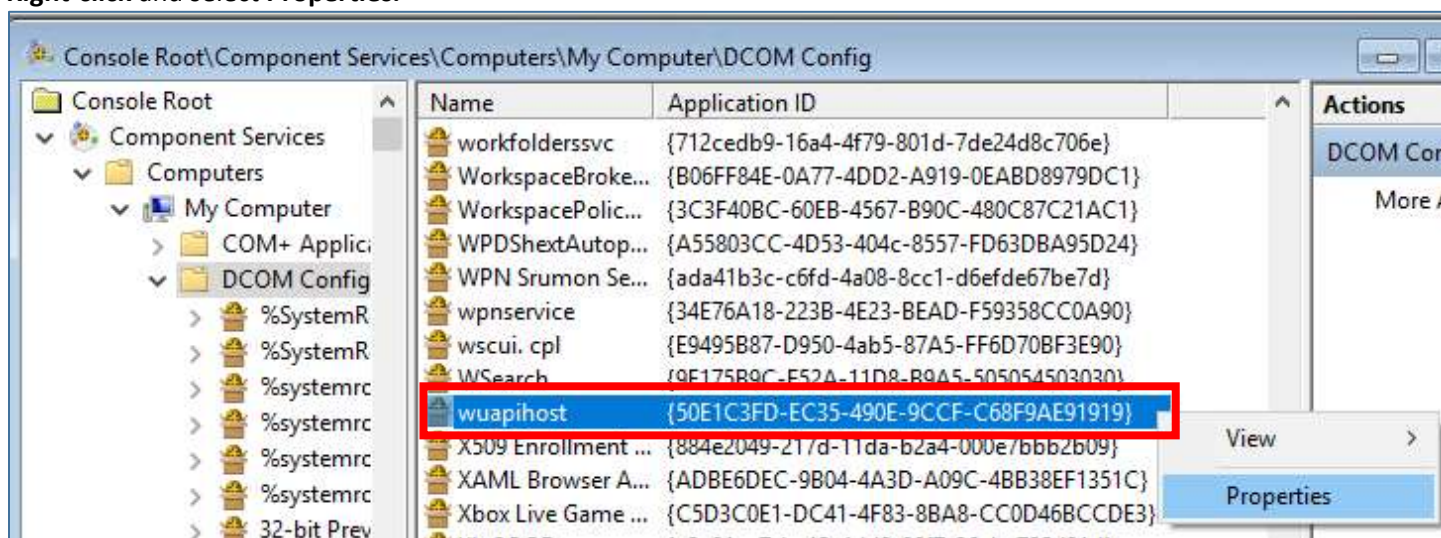
This means: 'I noticed something was missing, do you want to fix it?'
I just clicked Yes.

Next, I clicked **View > Detail** so I could see the Application ID.



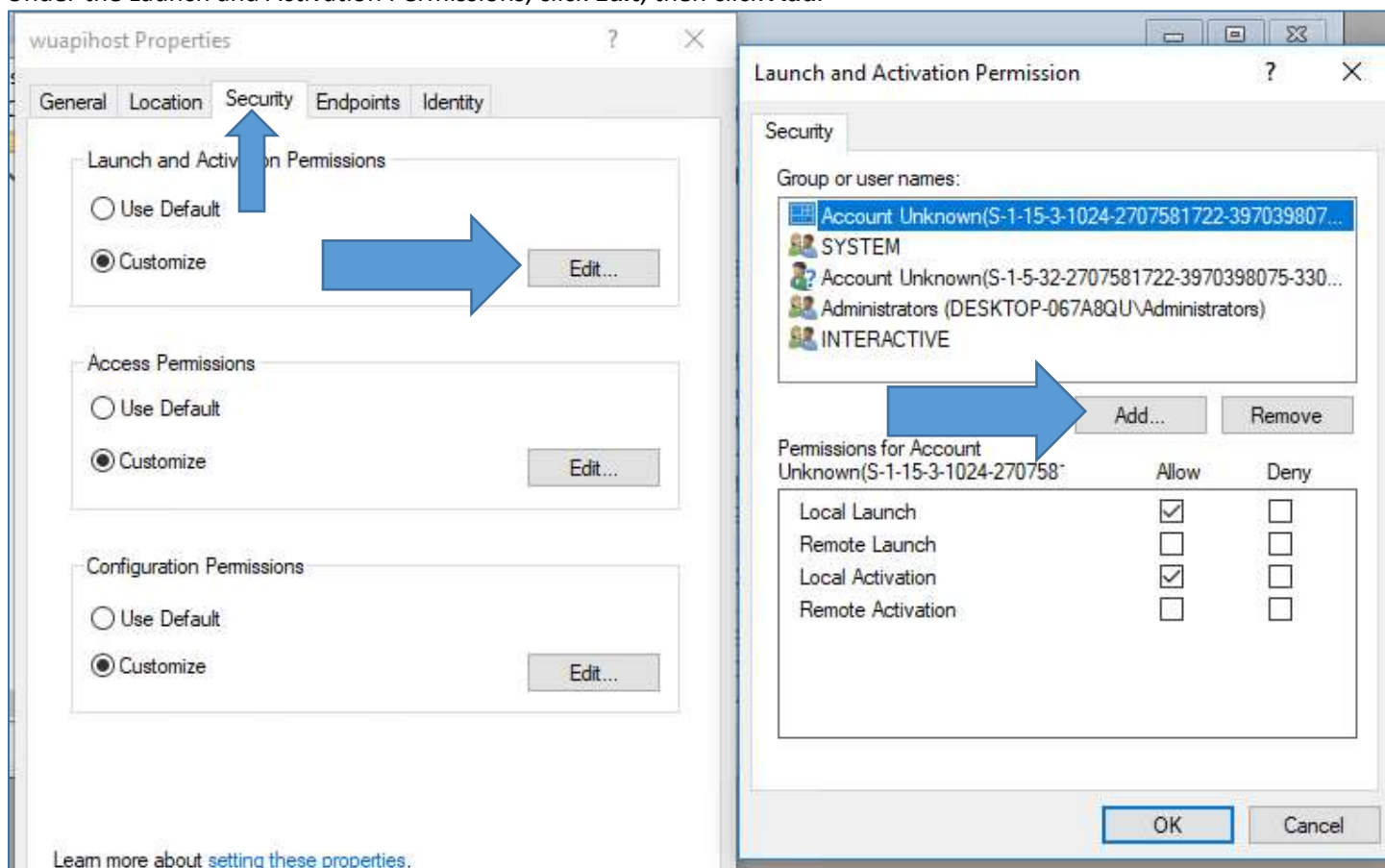
Next, go through the list until you find the matching AppID.
In my case, it is called **wuapihost**.

Right-click and select **Properties**.

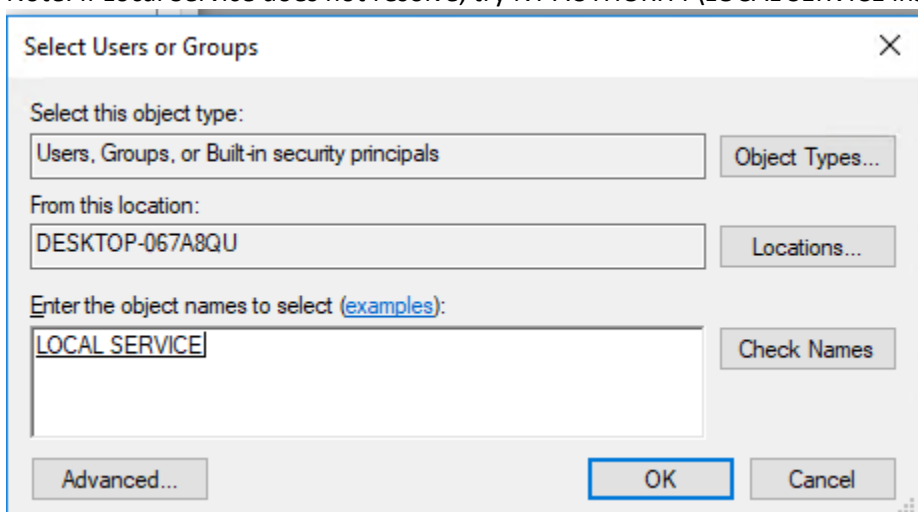


Next, go to the **Security** tab.

Under the Launch and Activation Permissions, click **Edit**, then click **Add**.

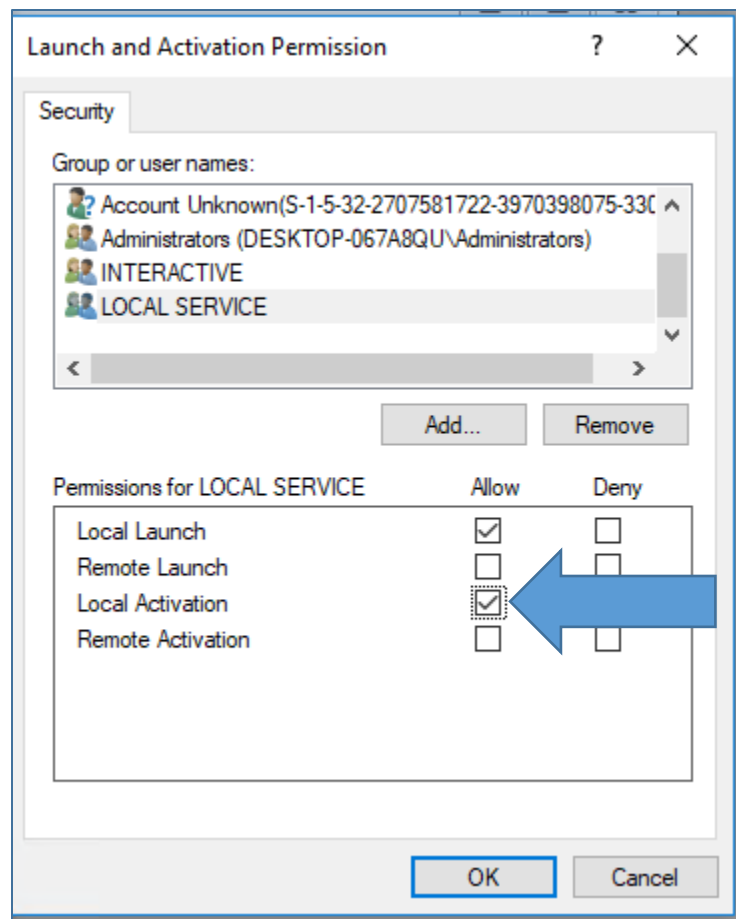


In the object search box, type in **LOCAL SERVICE** and click Check Names. It should underline itself.
Note: If Local Service does not resolve, try NT AUTHORITY\LOCAL SERVICE instead. One of these two should work.



Click OK.

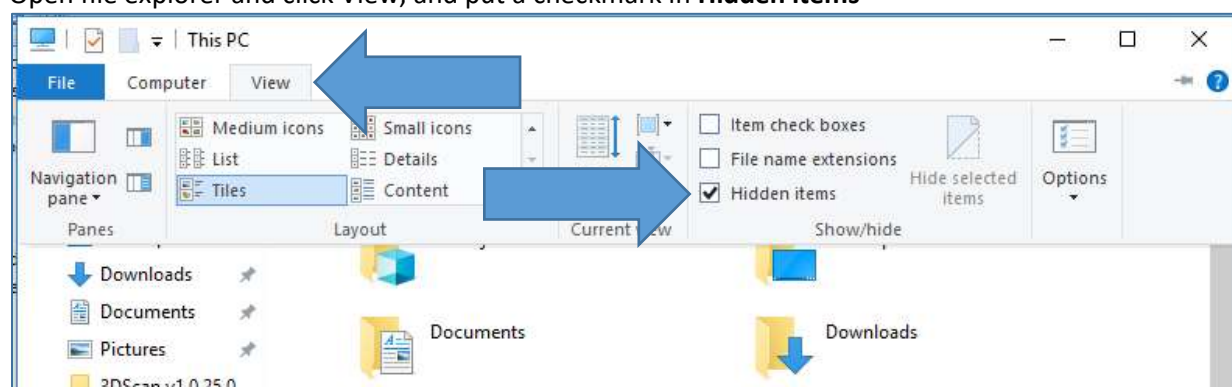
Now put a **checkmark in the box for Local Activation**.



Click OK, then click OK again. Close the Component Services window.

7. Restart the computer.

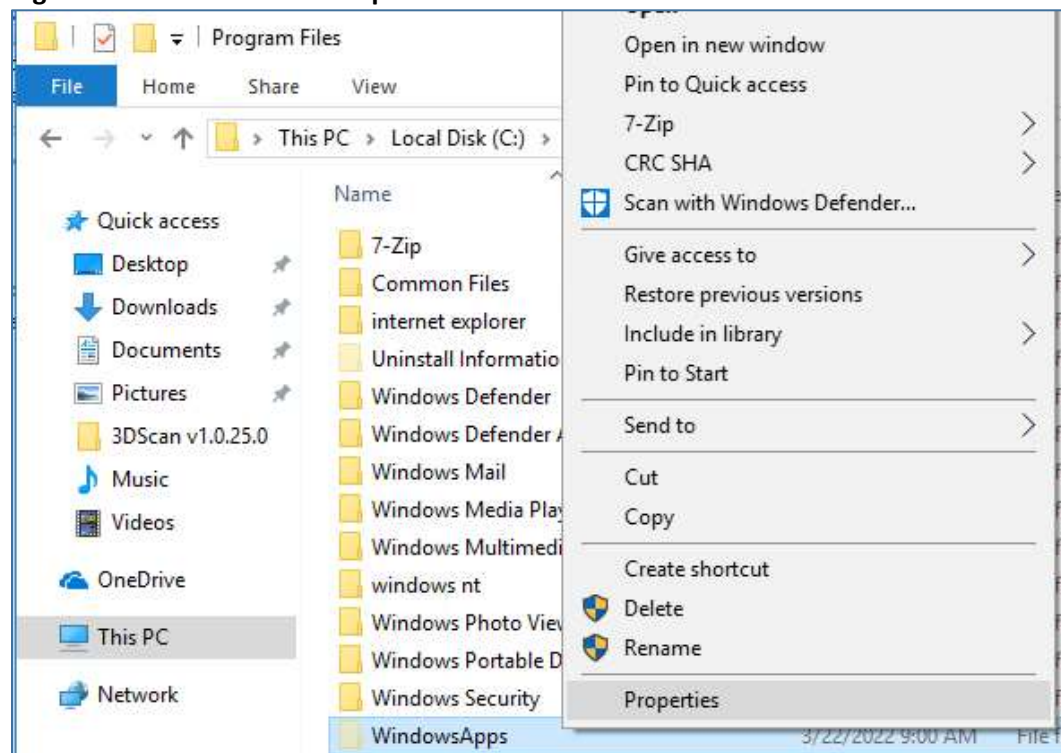
8. Next, we need to change some NTFS permissions to prevent the store from updating the 3d Scan app.
Open file explorer and click View, and put a checkmark in **Hidden items**



Next, browse to **C:\Program Files**.

Once here you should see a greyed out **WindowsApps** folder.

Right-click on it and select **Properties**.

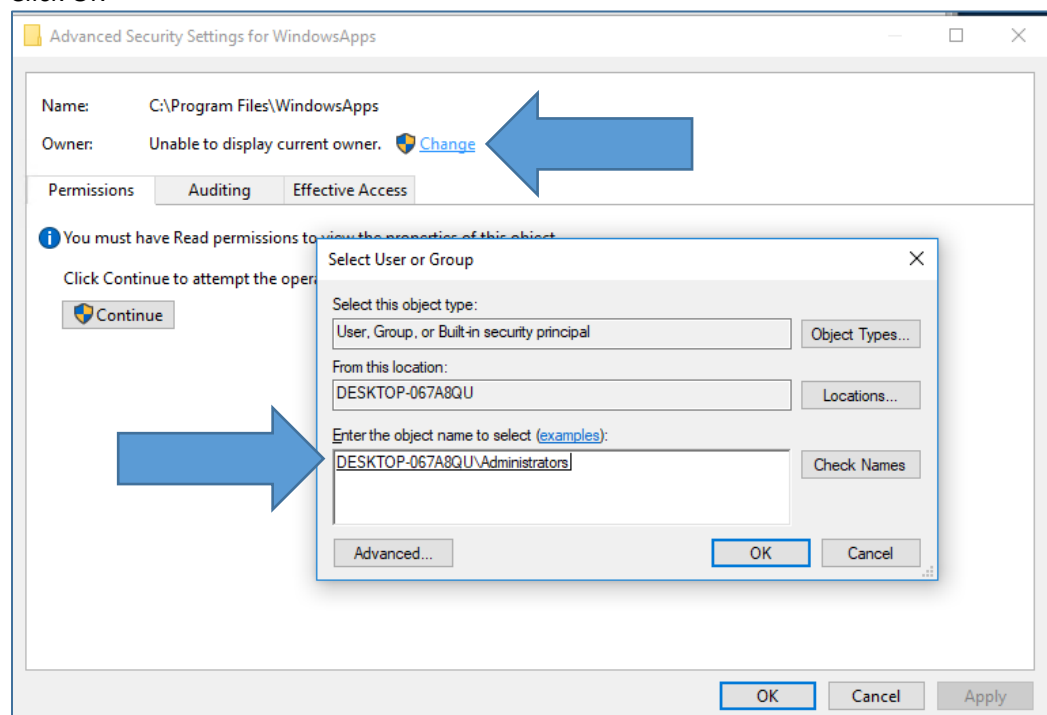


Go to the **Security** tab and click **Advanced**.

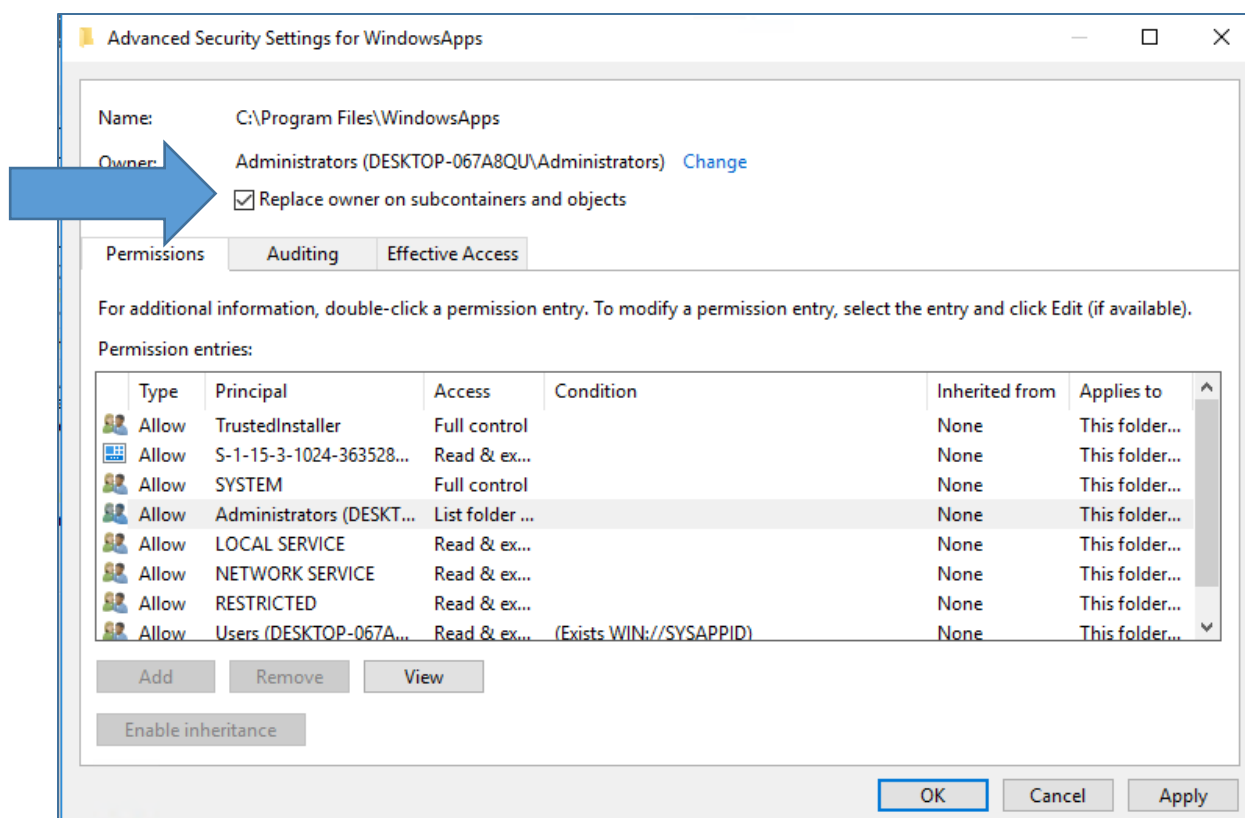
In my case, it said it was unable to display the current owner. Click **Change**

Type in **Administrators** and click **Check Names**.

Click OK



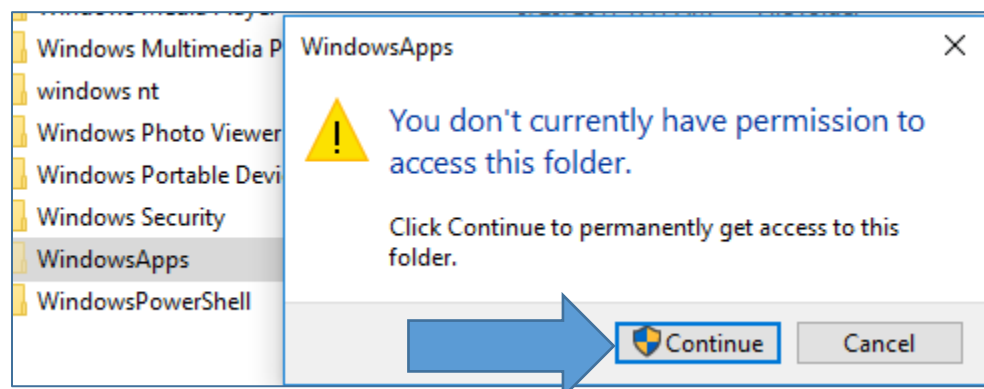
Place a **checkmark** in **Replace owner on subcontainers and objects**, then click OK.



Once permissions have been set, click OK Then click OK to close the properties window.

Now **double-click** on the **WindowsApps** folder.

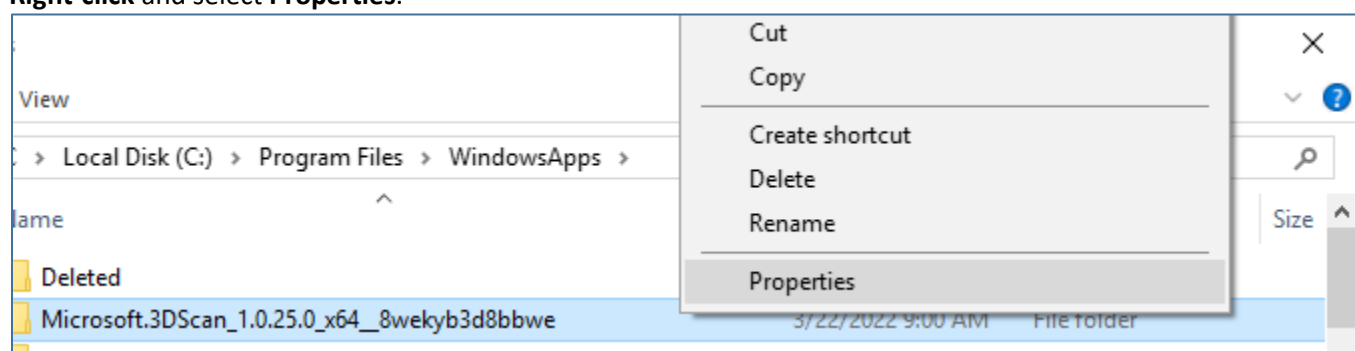
You will get a permission warning. **Click Continue** to give yourself permissions.



Now you should be presented with a list of the windows store apps. We are looking for:

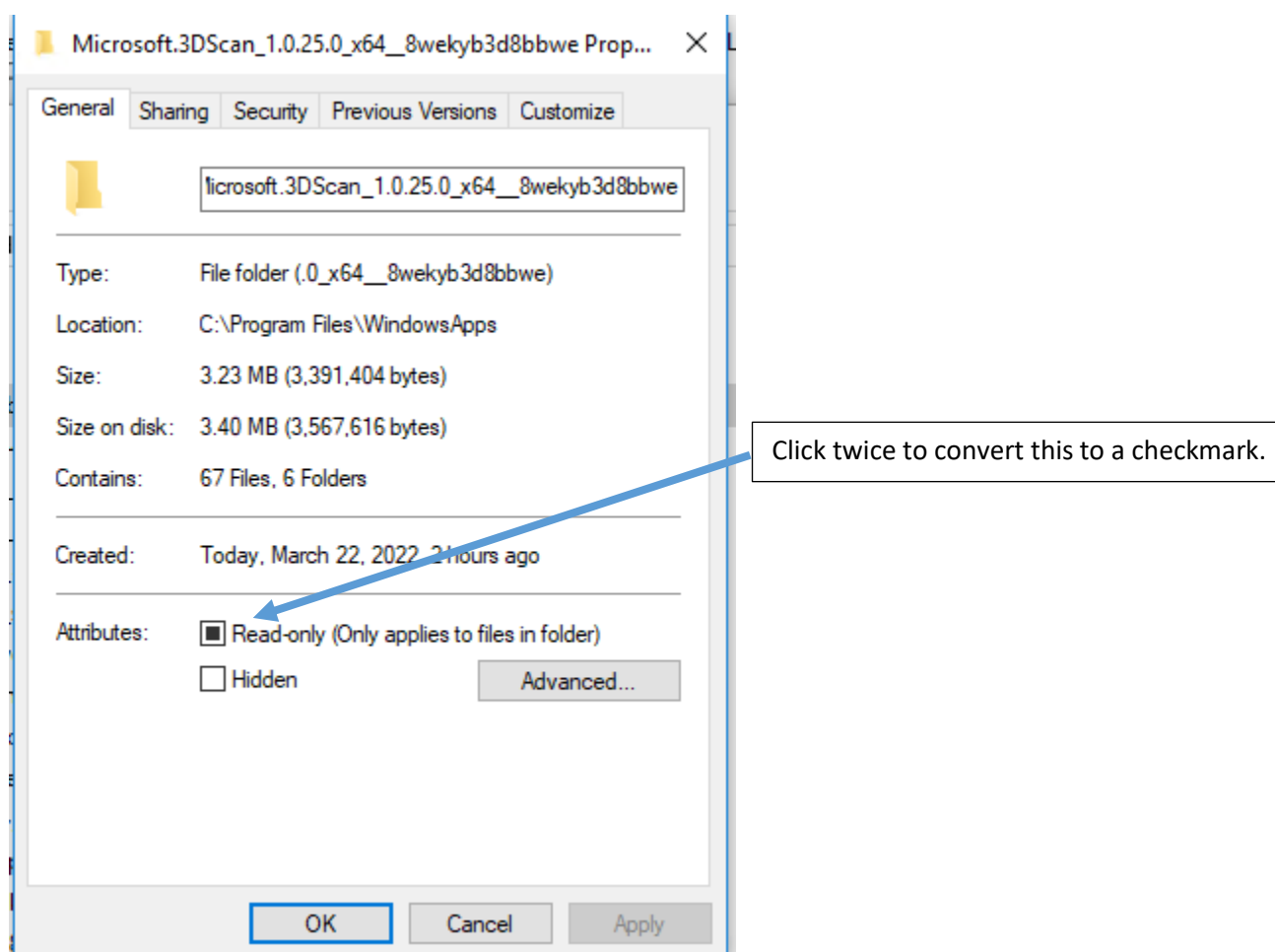
Microsoft.3DScan_1.0.25.0_x64__8wekyb3d8bbwe

Right-click and select **Properties**.

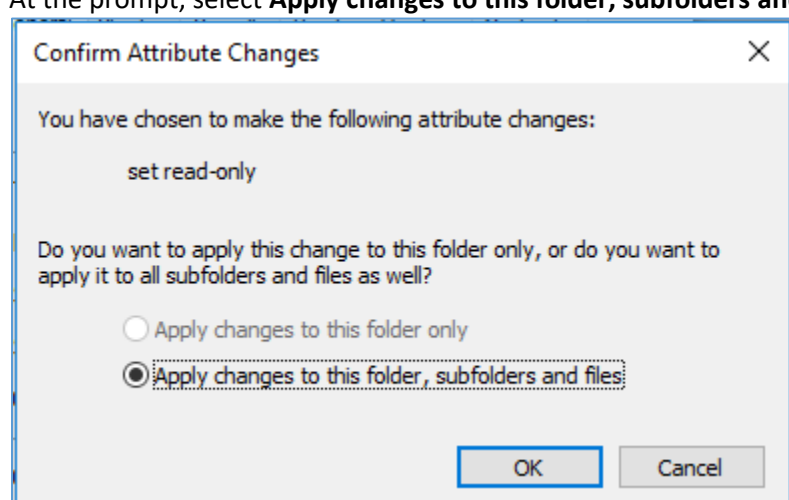


On the general tab, under **attributes** there should be a checkbox for **Read-only** that has a block instead of a checkmark.

Click this box **twice** to put a checkmark in, then click OK.



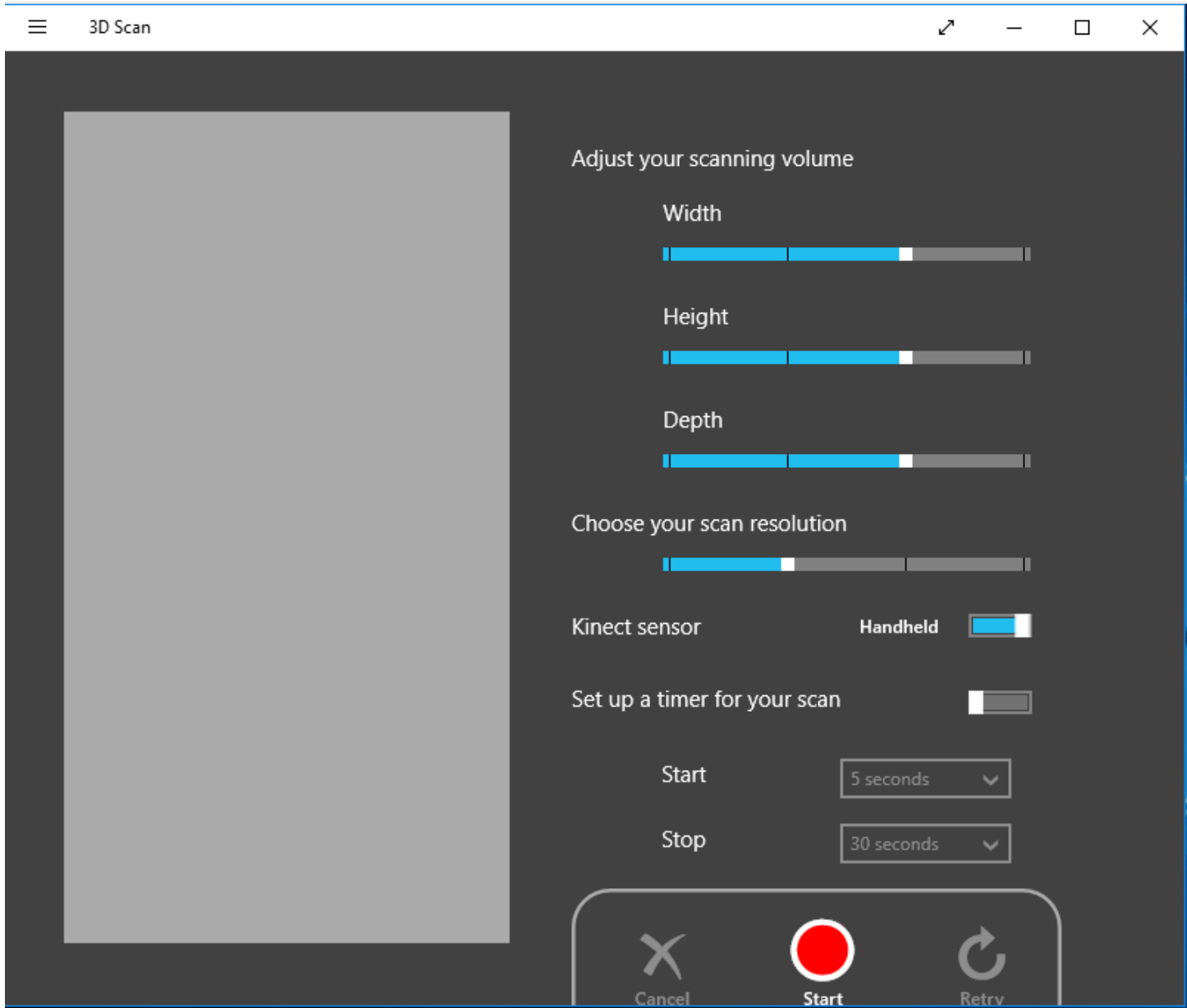
At the prompt, select **Apply changes to this folder, subfolders and files**, then click OK.



This should prevent the windows store from overwriting the app.

9. Now you can reconnect to the internet.

10. Now run 3d Scan. It *should* launch properly.



Congrats! You are done!