Pharmacy Information System (PhIS)
and
Clinic Pharmacy System (CPS)

PhIS & CPS
Win7 Upgrade to Win10 & Direct Printing Manual

Version	**: 1.1**
Document ID	**: PhIS_CPS/Win7_Upgrade_to_Win10_&_Direct_Printing_Manual_v1.1**

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Revision History

Version No.	Date of Release	Consolidated by	Verified by	List of changes from Previous Version
1.0	22-04-2020	Arif Syahrir Mohd Isah	Sophian Ezudean Mustapha	Initial document
1.1	30-09-2020	Arif Syahrir Mohd Isah	Sophian Ezudean Mustapha	Additional section on Direct Printing Guide

Verified and Acknowledge by

Name	Role / Designation	Organization	Signature & Date
Sophian Ezudean	Manager	Pharmaniaga Logistic S/B	
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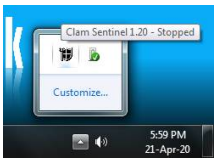
		Bahagian Perkhidmatan Farmasi (BPM), KKM	

Peer Review

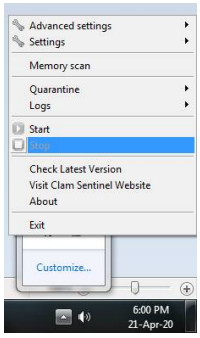
Version No.	Reviewed / Verified by	List of changes from Previous Version
1.0	(QA) Juridah	- Overall Review
1.1	(QA) Juridah	- Overall Review

Pre-Requisite

1. Make sure Ethernet Cable is connected and connection to Internet is up
2. Make sure to perform the upgrade in **Admin Account**
3. Please stop ClamWin Antivirus

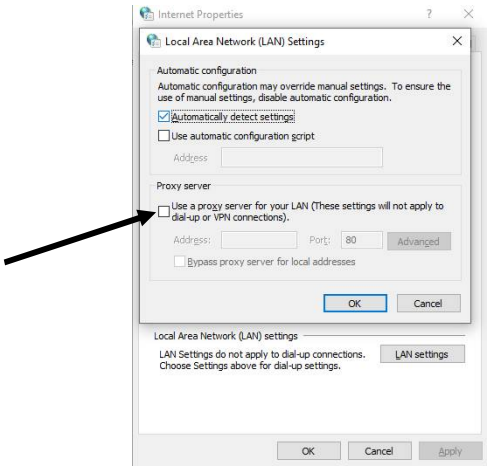


a) Right click on **"Clamwin"**



b) Select **"Stop"**

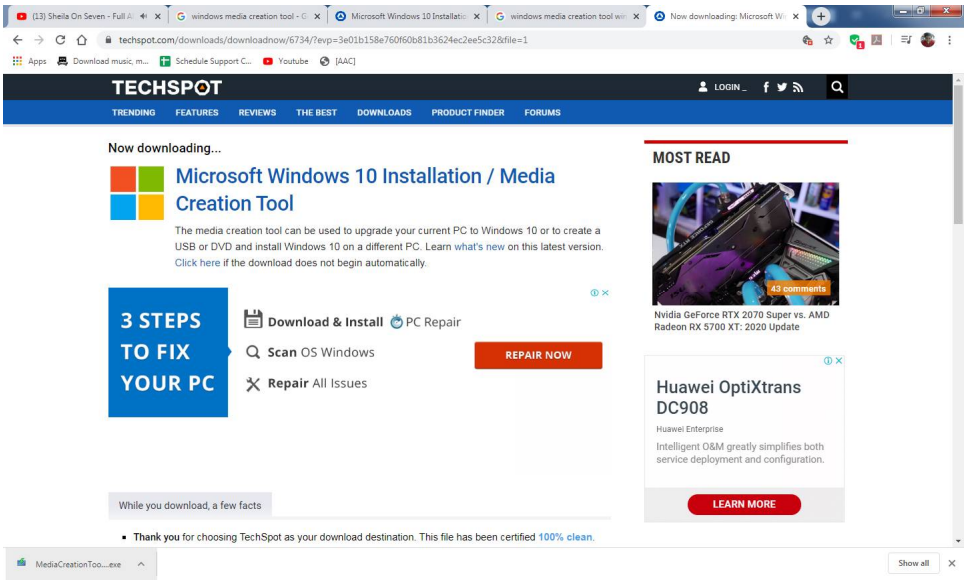
4. Go to "**Internet Option"** on **"Connection"** tab and go to **"LAN settings proxy server"** and **Untick** as below steps:



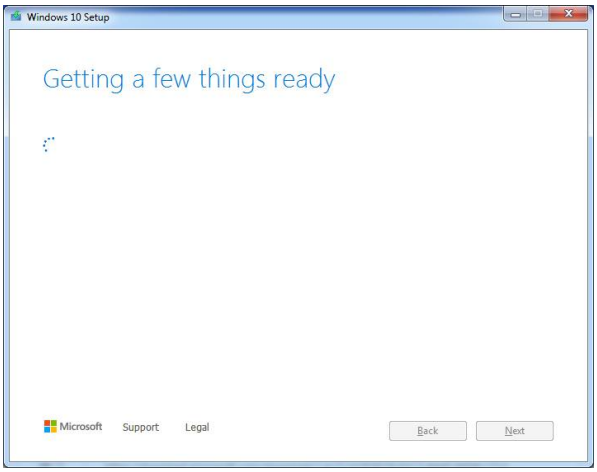
"START BUTTON > TYPE INTERNET OPTION > CONNECTION TAB > LAN SETTINGS"

5. Browse to **“https://www.techspot.com/downloads/6734-windows-10-installation-tool.html”** (DOWNLOAD MEDIA CREATION TOOL FOR WINDOWS 10) Click Download Now

6. After finished download, double click on ***MediaCreationTool.1909.exe***

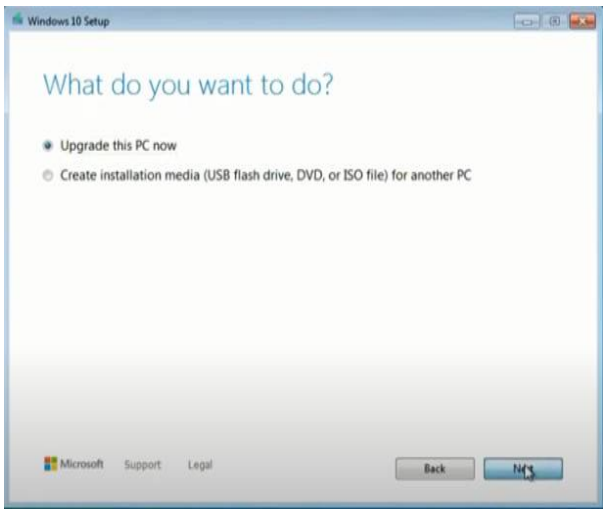


Windows 7 Upgrade to Windows 10

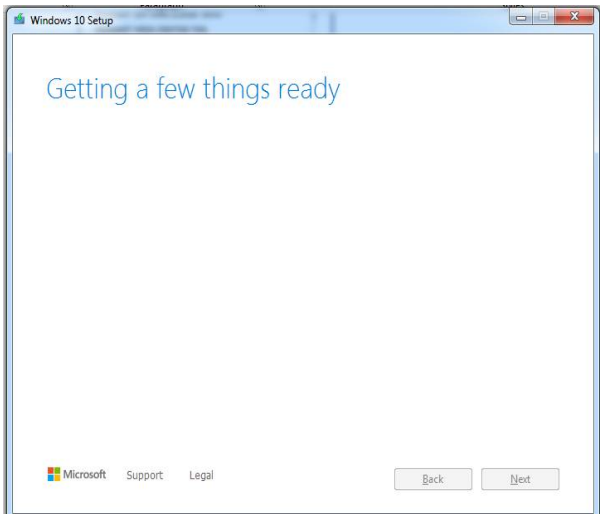


1. Ready for installation

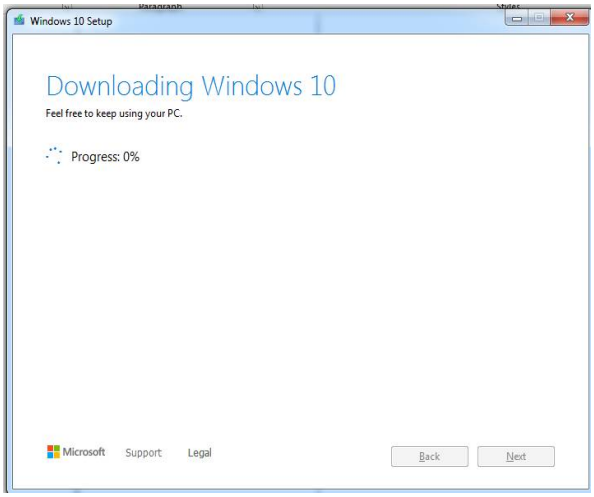
2. Click **"Accept"**



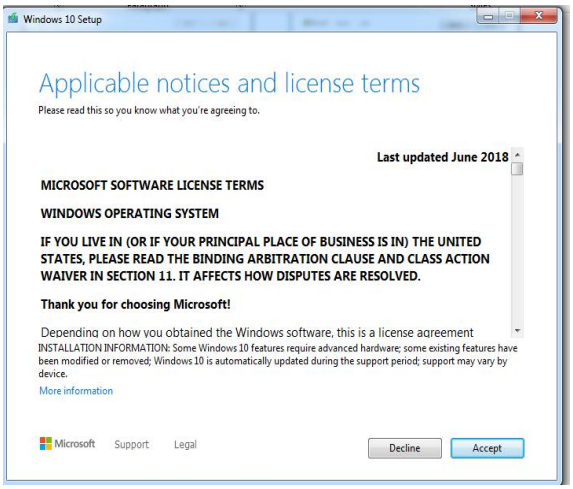
3. Select "**UPGRADE THIS PC NOW"** and click "**NEXT"**



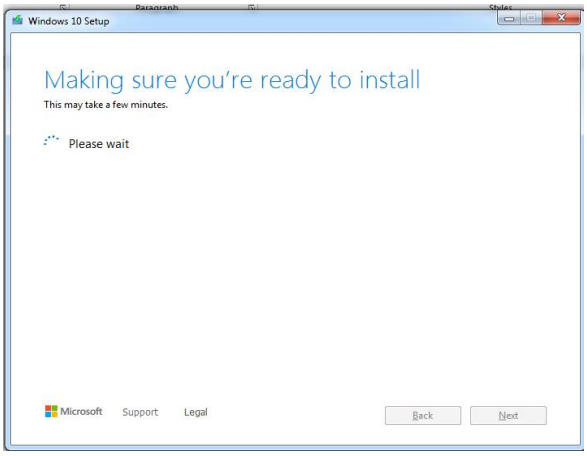
4. Ready for installation



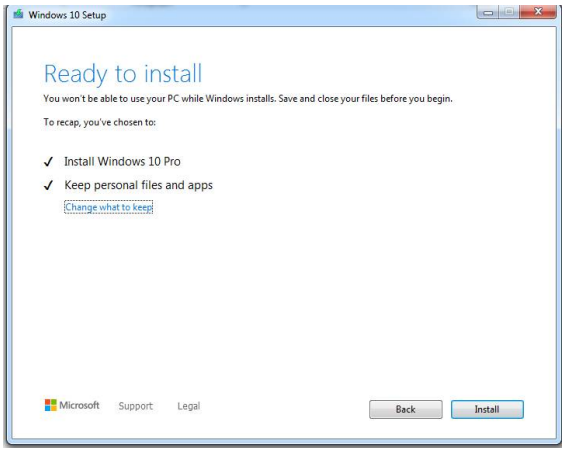
5. Windows Installation is loading



6. Click "**ACCEPT"**

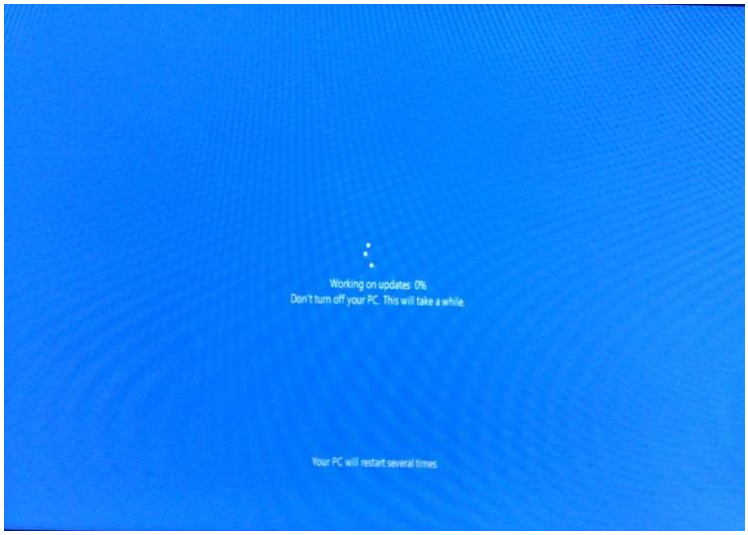


7. Please wait until installation finish



8. Click button "**INSTALL"** and PC will be automatically restarting

9. After restart, PC will be entering Windows 10 and let it finish until 100%



10. Just keep wait and the updates will take about an hour to finish

11. Click "**ACCEPT"** and windows upgrade is **DONE**

*Please make sure the PC is hardened after the upgrade (Refer Hardware Hardening Document)

PhIS Direct Printing Setup Guide

Pre-Requisite:

Windows: Workstation/Client PC must have Windows 7 OS onwards.

Privilege: To register the service, Administrator access is required.

Port 9191: There should not be any services running at 9191 port on workstation/client PC.

JDK 8: Java 8 is required to install first prior to register PhIS Client service, steps and installation files are provided.

Purpose:

To support Direct printing to the default printer for all browsers.

To support MyKad/MyKid reader for all browsers.

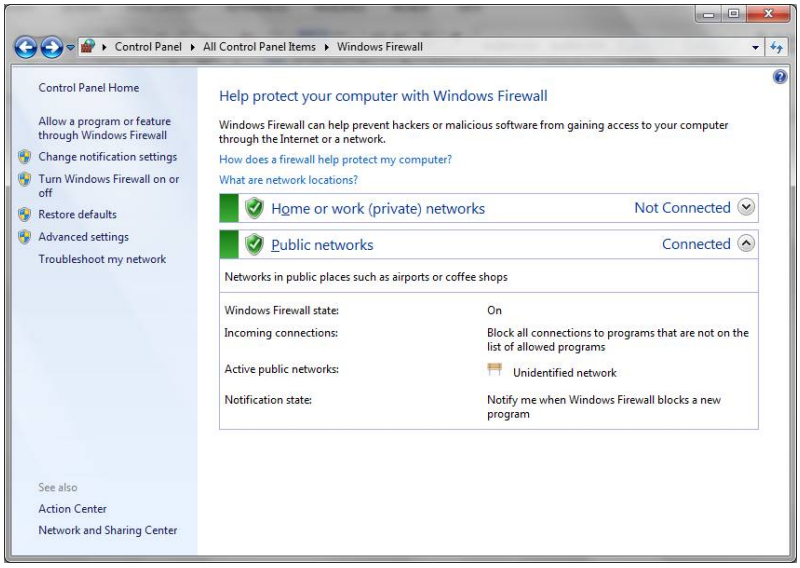
Download:

Download **jdk-8u231-windows-x64.exe** and **PhISClientService.zip** to the local drive from:

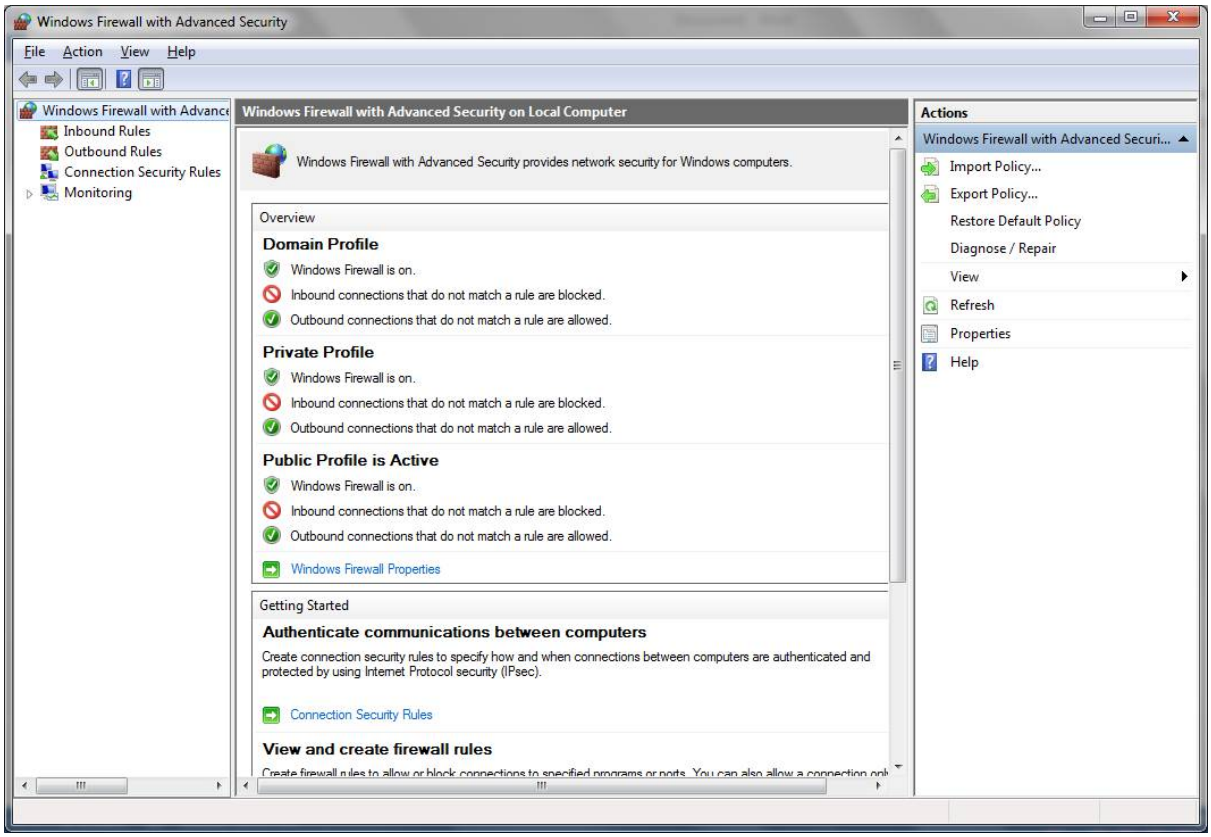
https://drive.google.com/drive/folders/1os1kOLxC2ApobEeBVf3-0tMrQ9I9S3ze?usp=sharing

Firewall & Stealth Mode Setting

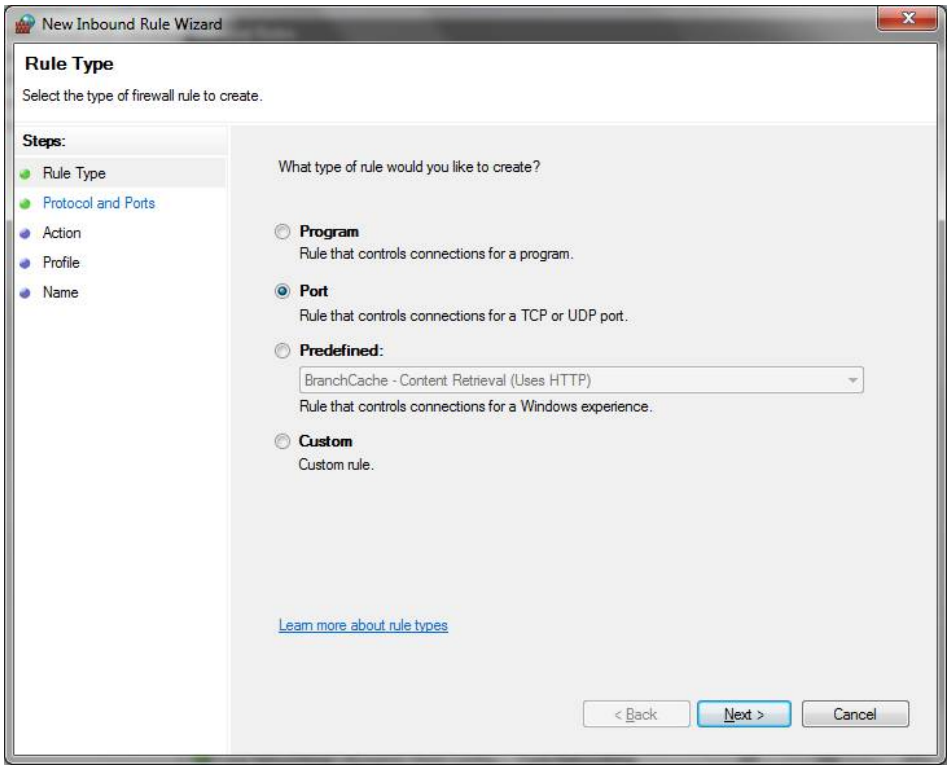
1. Windows Firewall = On



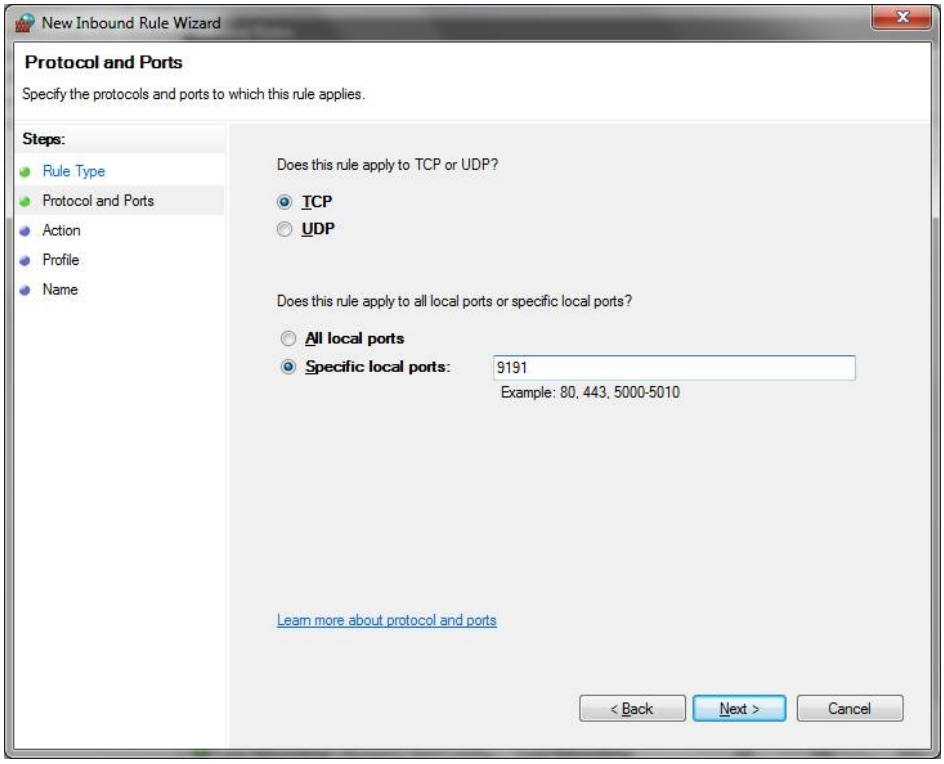
2. Create Port 9191 in Windows Firewall
    a. Open Windows Firewall with Advanced Security



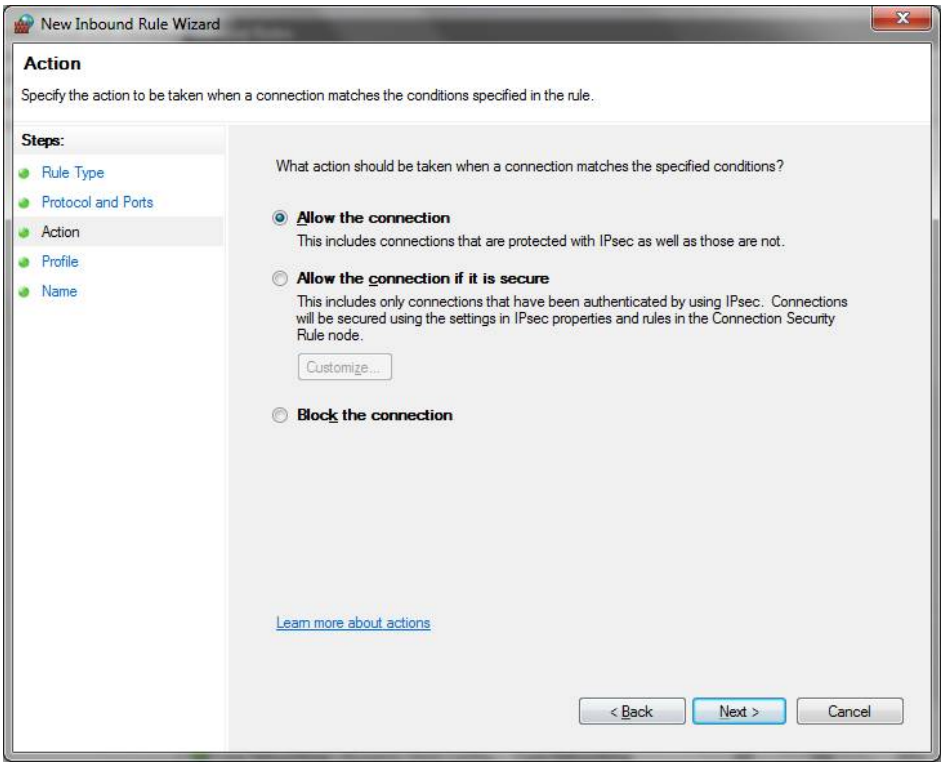
b. Create New Rules in Inbound & Outbound
   i. Inbound Rules
      - Right click → **New Rule** → Select **Port** → Click **Next**



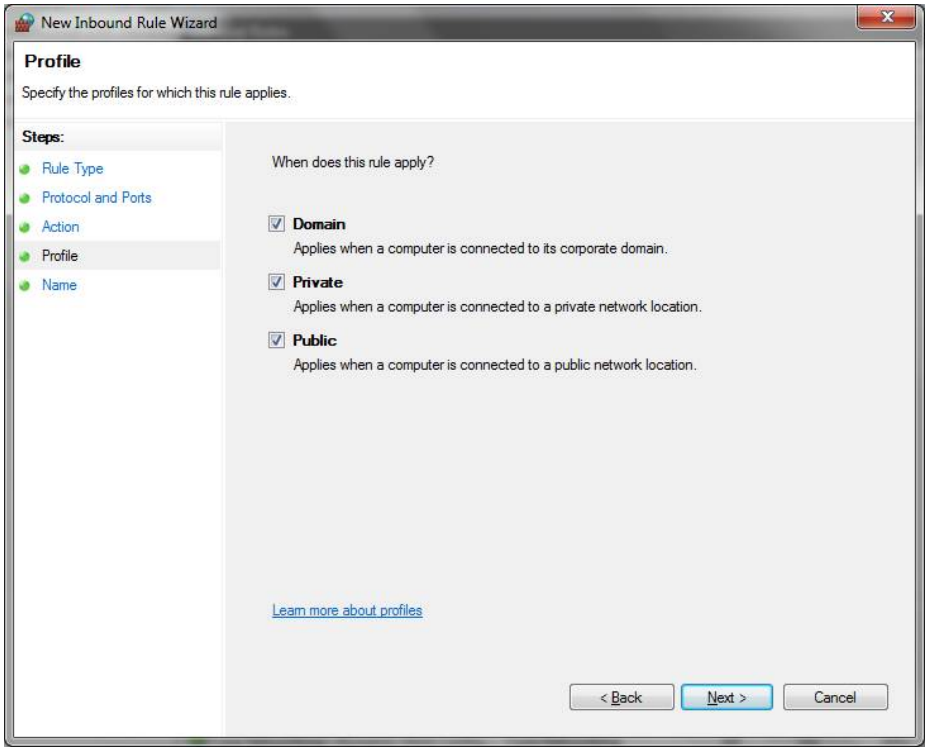
- Choose **TCP** → Choose **Specific Local Ports:** and type **9191** → click **Next**



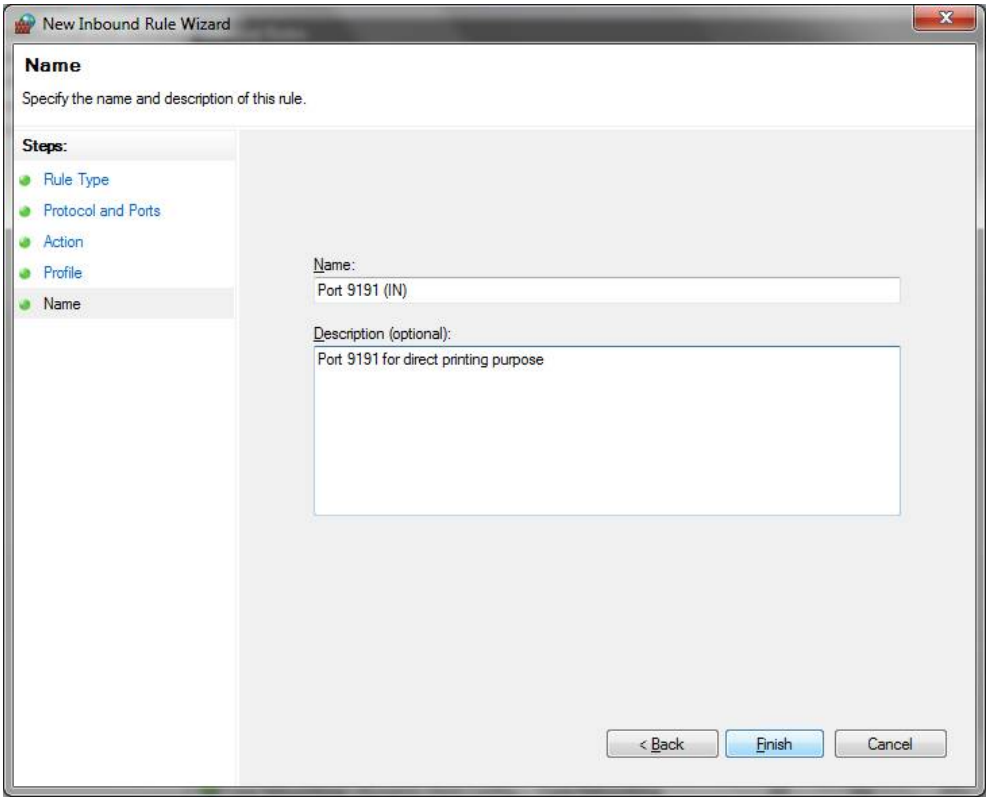
- Choose **Allow the Connection** → Click **Next**



- Select all (**Domain**, **Private** & **Public**)→ Click **Next**

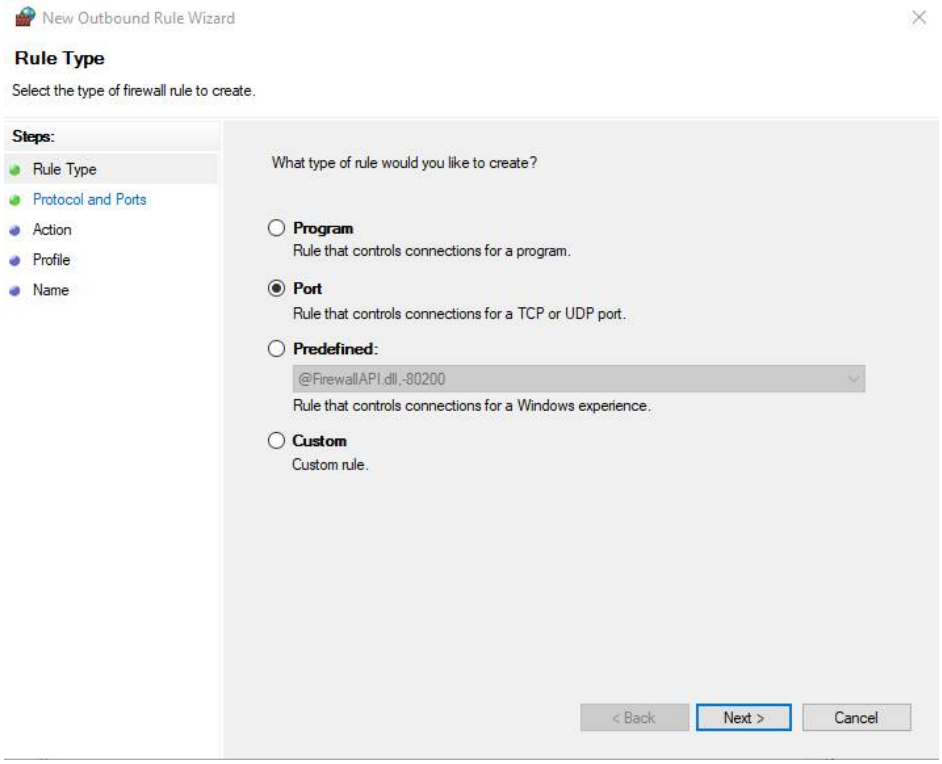


- Name: **Port 9191 (IN)** → Description: **Port 9191 for direct printing purpose** → Click **Finish**

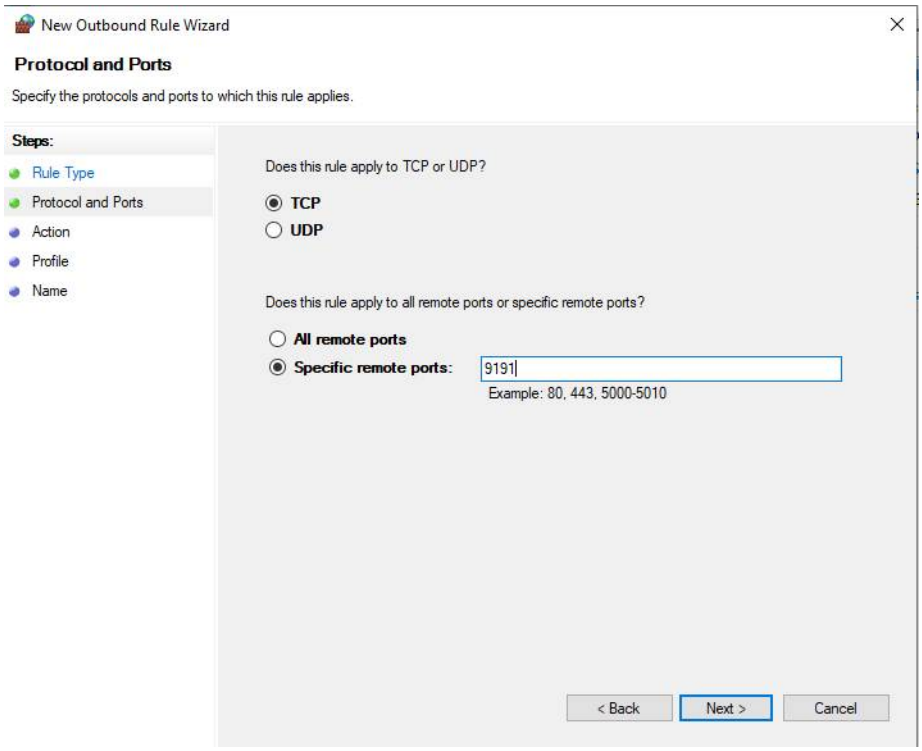


ii. Outbound Rules

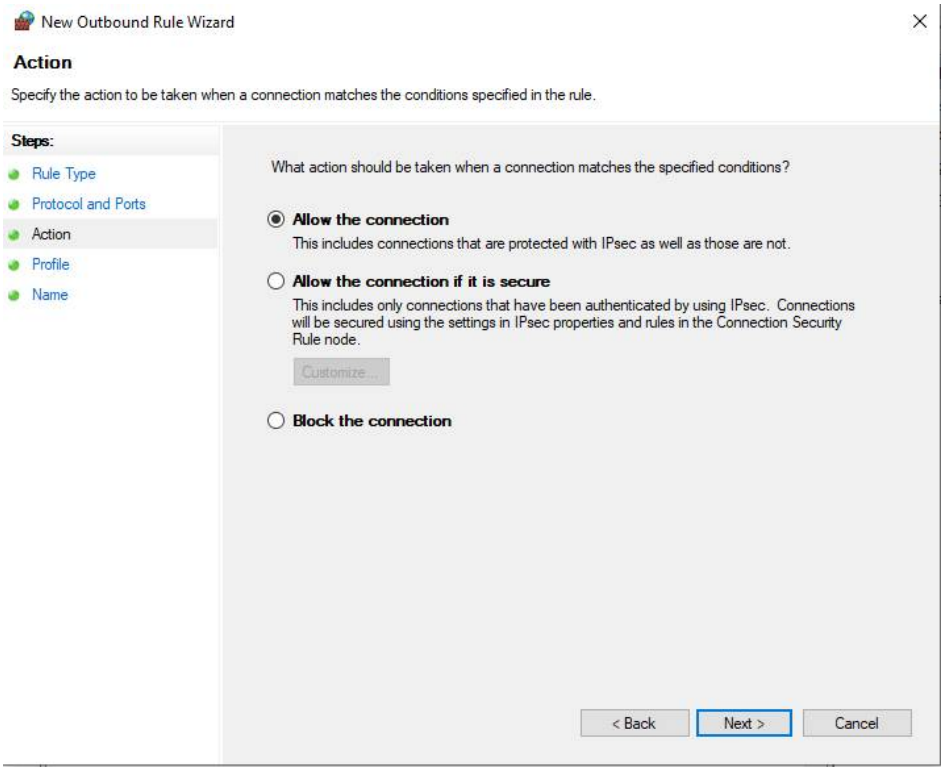
- Right click → **New Rule** → Select **Port** → Click **Next**



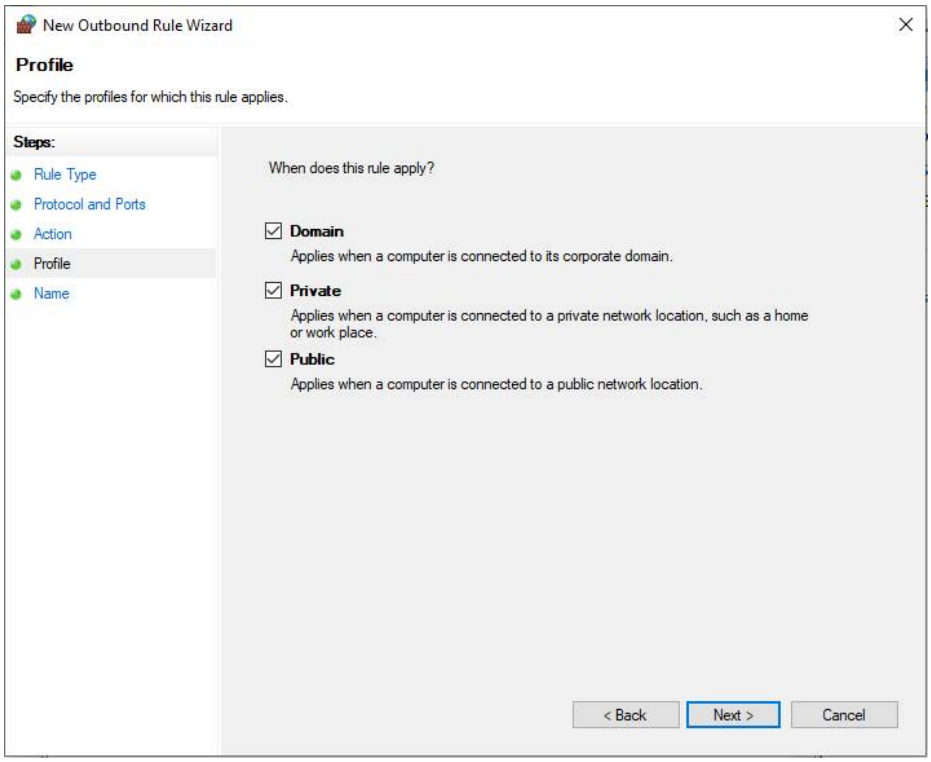
- Choose **TCP** → Choose **Specific Remote Ports:** and type **9191** → Click **Next**



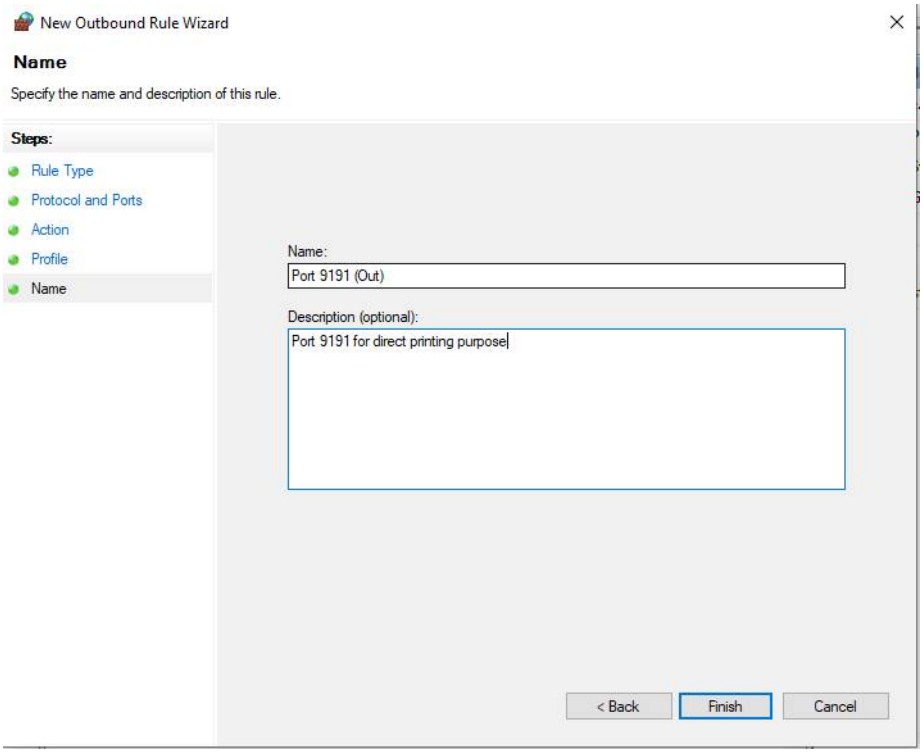
- Choose **Allow the Connection** → Click **Next**



- Select all (**Domain**, **Private** & **Public**) → Click **Next**

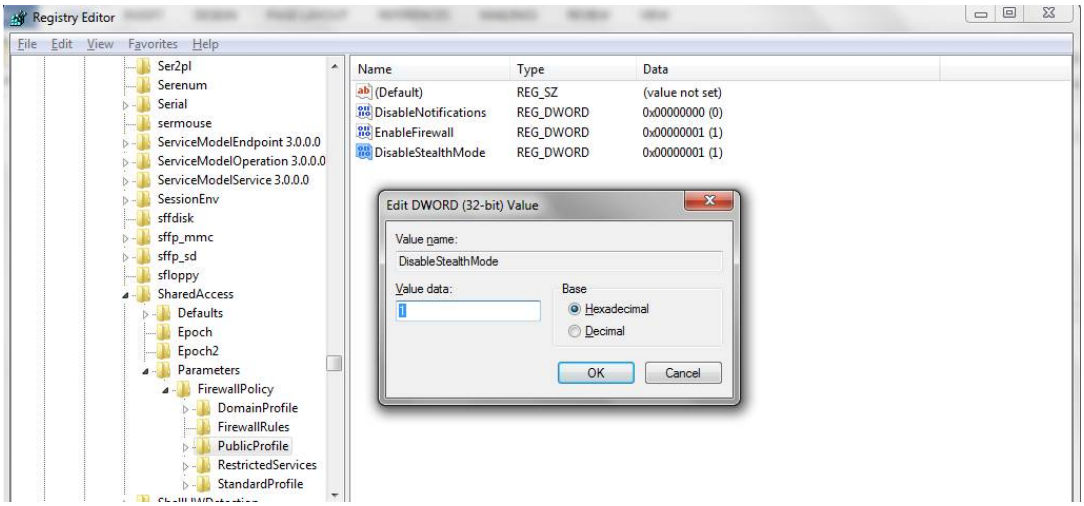


- Name: **Port 9191 (Out)** → Description: **Port 9191 for direct printing purpose** → Click **Finish**



3. Setup Stealth Mode
    a. Open Registry Editor → lookup for = HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\services\SharedAccess\Parameters\FirewallPolicy
        i. Domain Profile
        = Right click → New → DWORD (32-bit) Value → Name: **DisableStealthMode** → Right Click → Modify → Value Data=1 → Ok
        ii. Public Profile
        = Right click → New → DWORD (32-bit) Value → Name: **DisableStealthMode** → Right Click → Modify → Value Data=1 → Ok
        iii. Standard Profile
        = Right click → New → DWORD (32-bit) Value → Name: **DisableStealthMode** → Right Click → Modify → Value Data=1 → Ok

    (Example Picture as Below)



4. Restart PC and please test direct print

MyCard Reader (Sagem) Setting

Step 1 : Remove PhISClientService

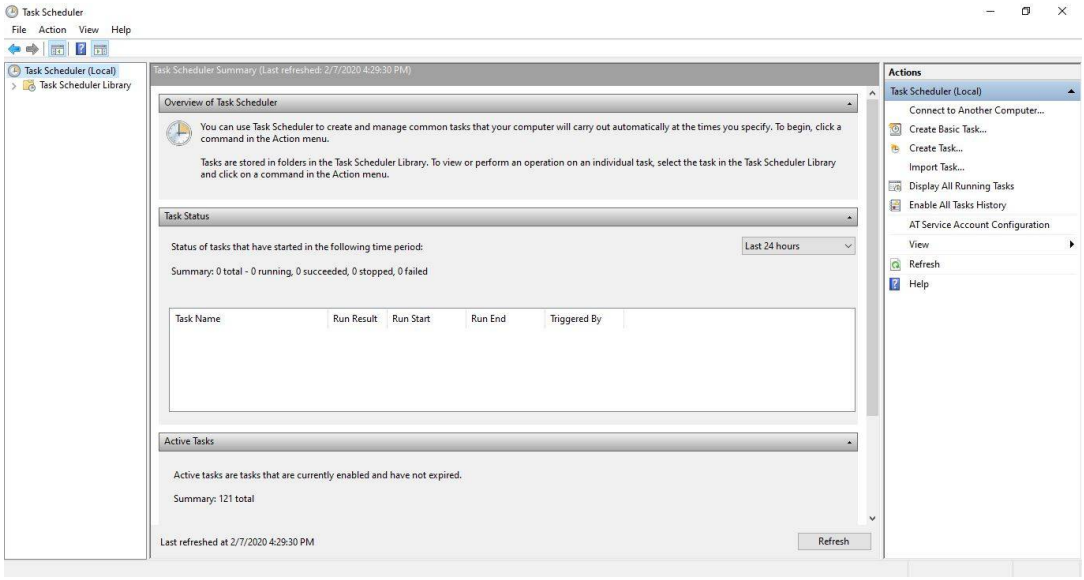
Open **cmd** as Adminstrator and execute below command.

sc delete PhISClientService

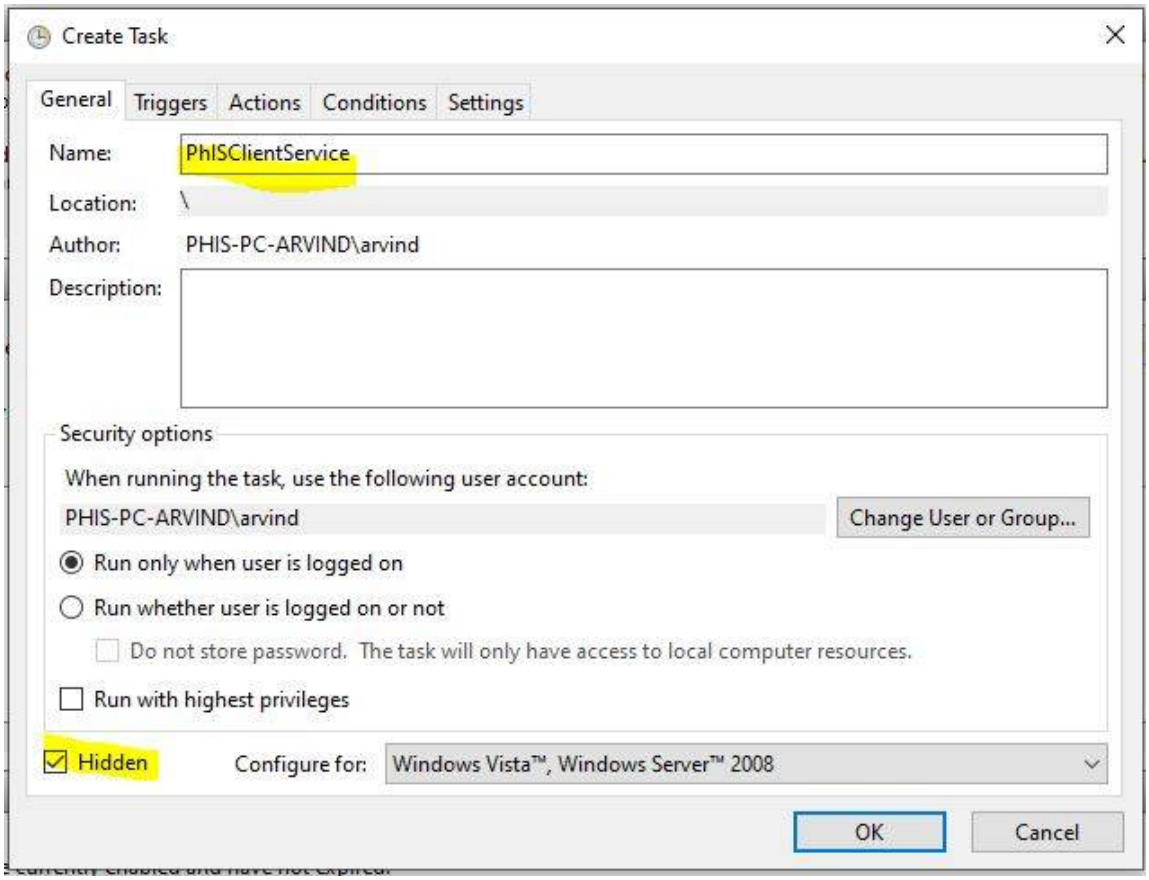
Steps 2: Create Task scheduler

Open Task Scheduler below screen will open.

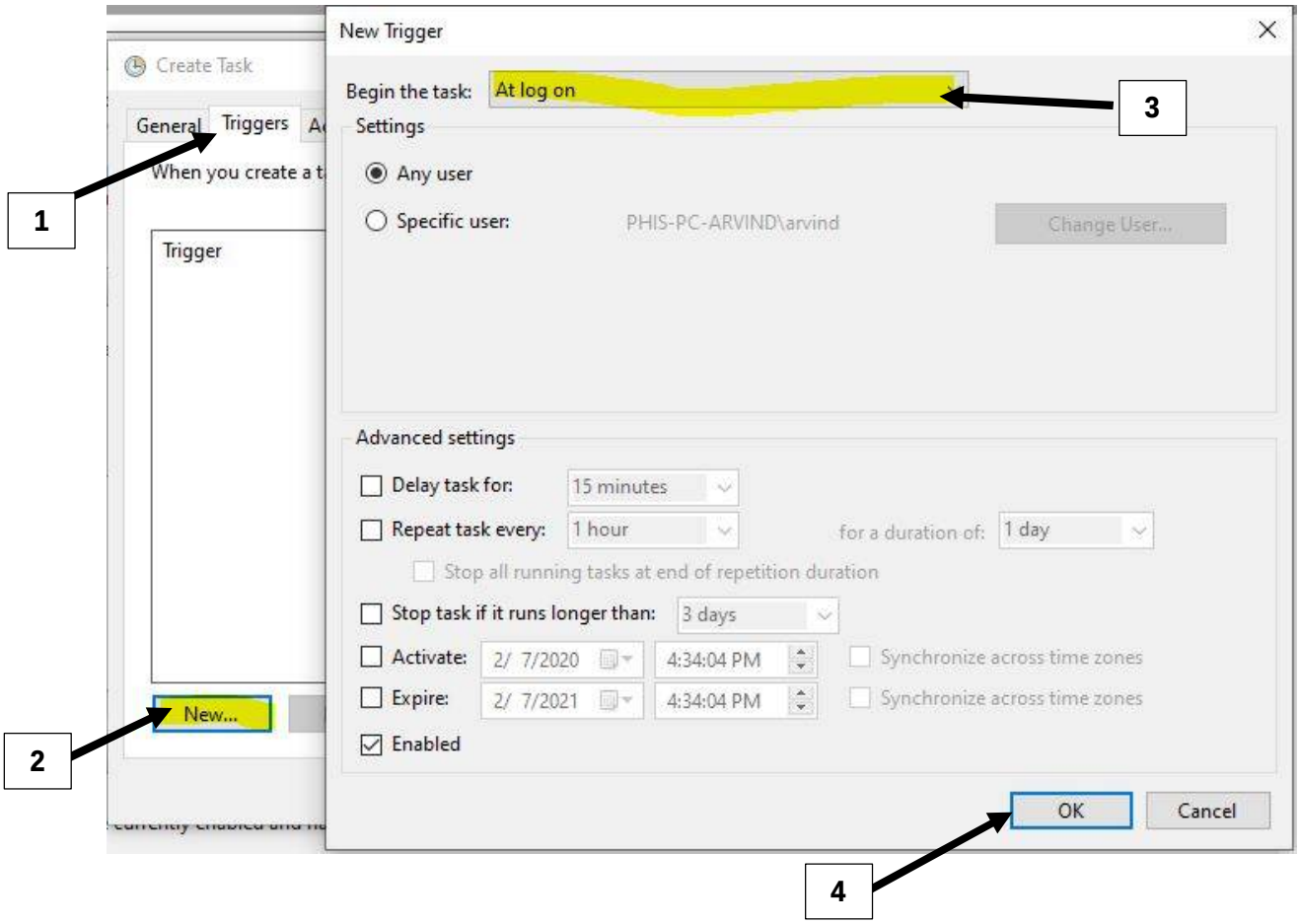
Click on **Create Task** from right menu bar.



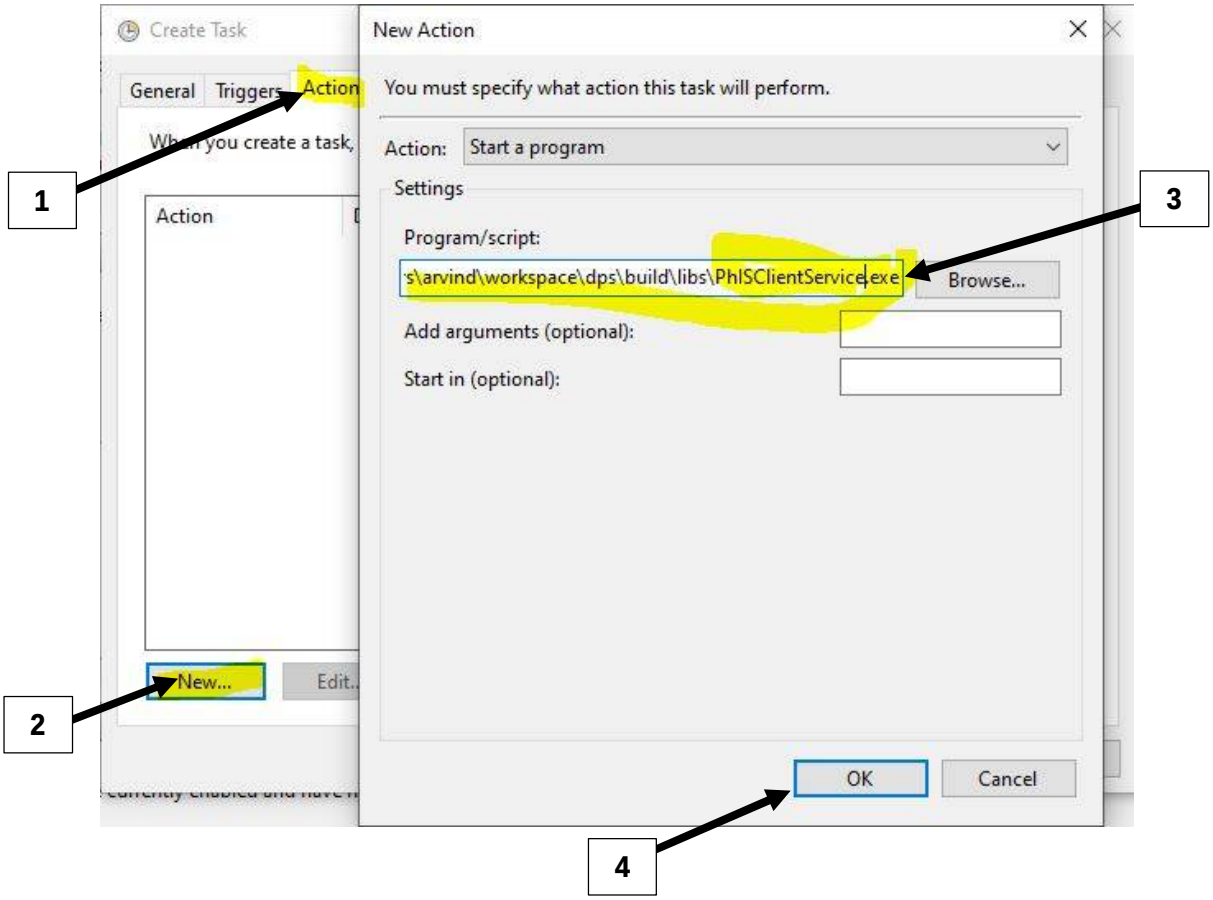
Step 3: In General tab, give name for scheduler as **PhISClientService** and select **Hidden** checkbox as highlighted below:



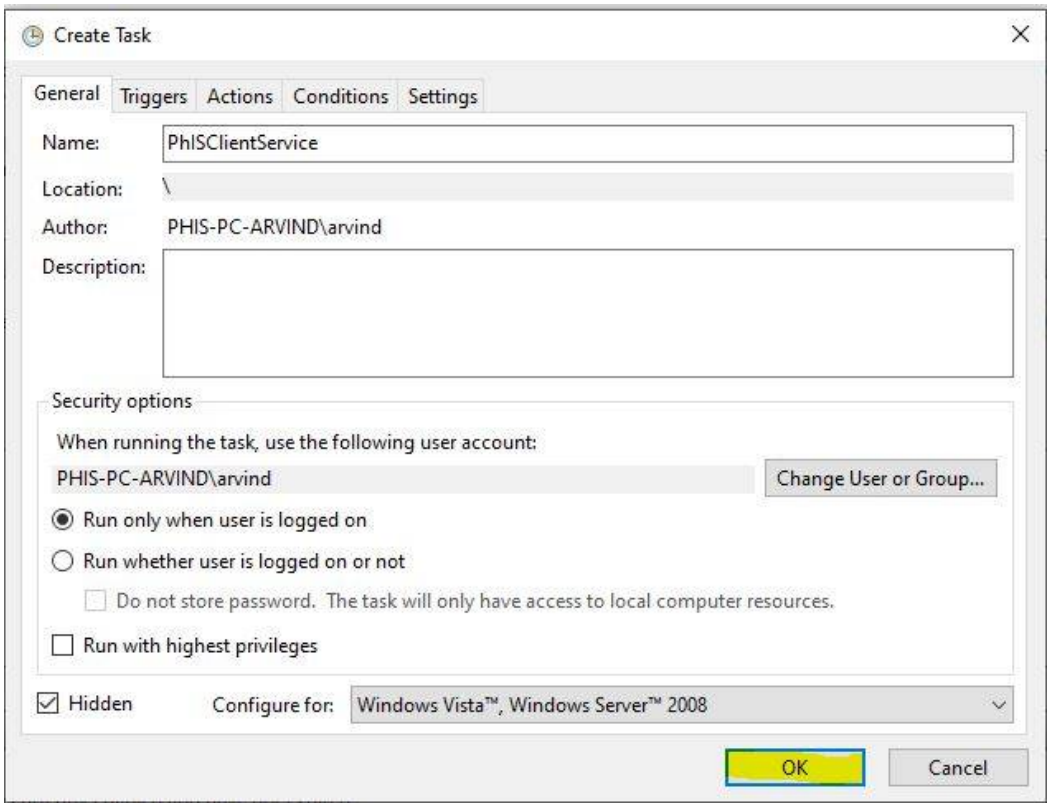
Step 4: Go to **Triggers** tab, and click on **New**, select **At log on** as highlight in below screen, followed by **OK** button.



Step 5: Go to **Action** tab, click on **New**, browse or copy the full file path for **PhISClientService.exe**, followed by **OK** button.



Step 6: Go to **General** tab again, and click **OK** button.



Step 7 : Restart PC.

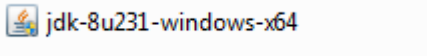
After restart, Task Scheduler will start the Services, and should not be closed.

PhIS Client Service Installation (Post Version Update)

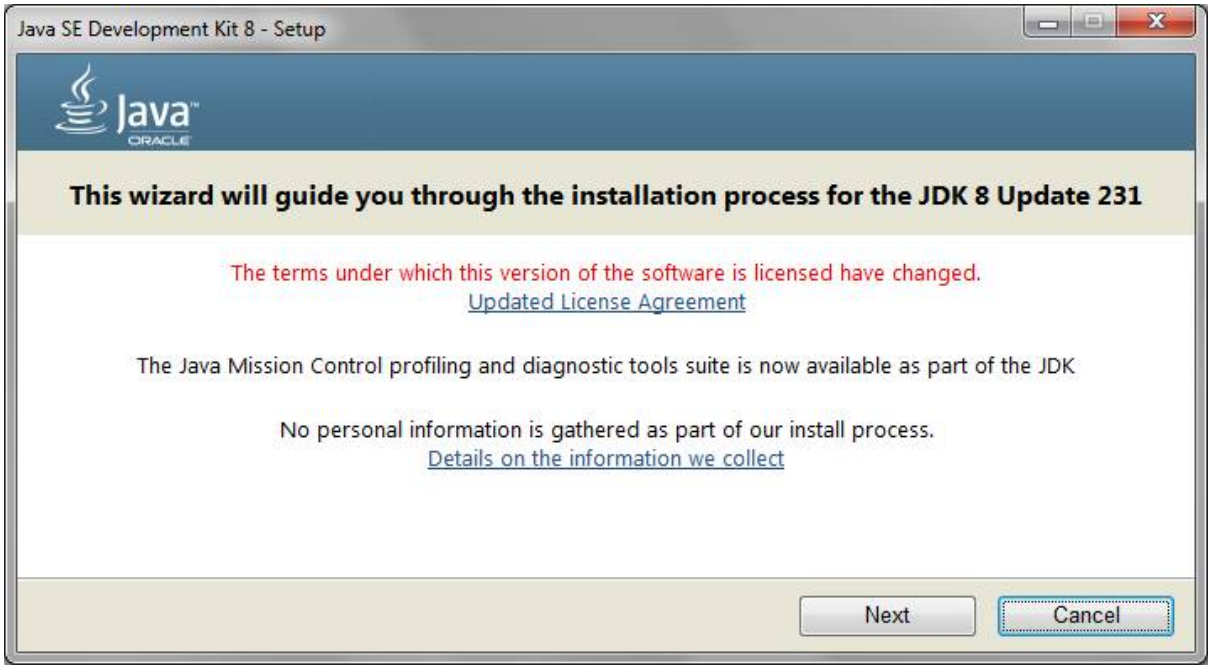
Installation:

- **Install JDK 8**

1. Double click on downloaded **JDK** installer as shown below.

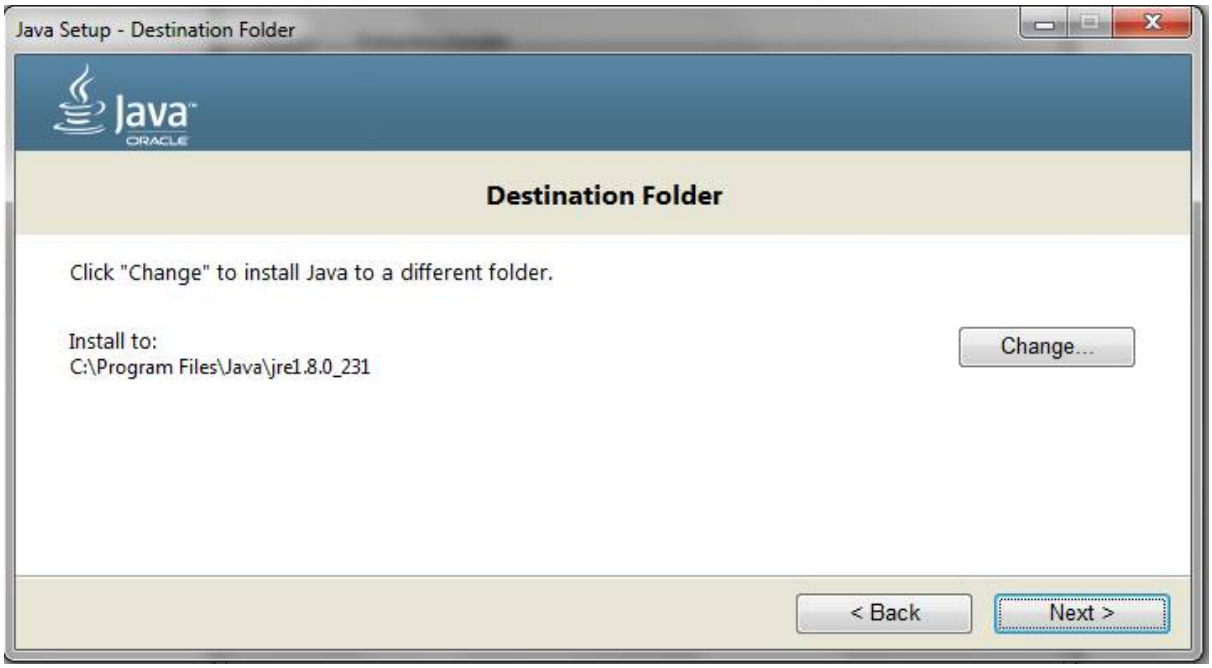


2. Click on **Next** to proceed with JDK Installation

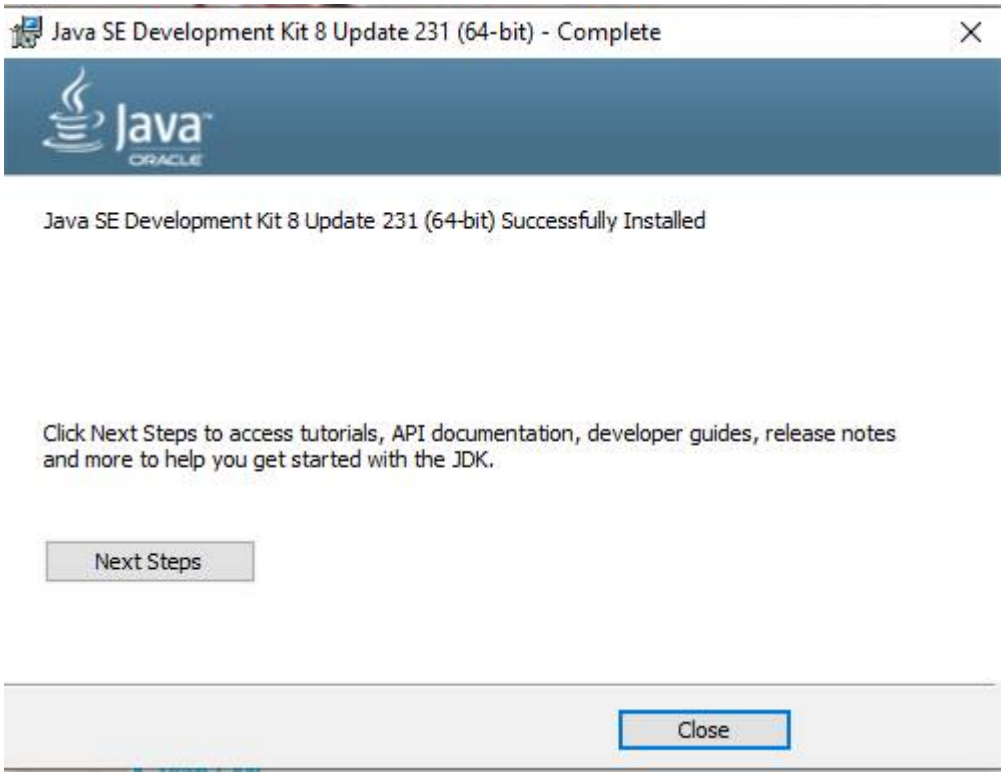


3. Click on **Next** button to proceed with JDK Installation

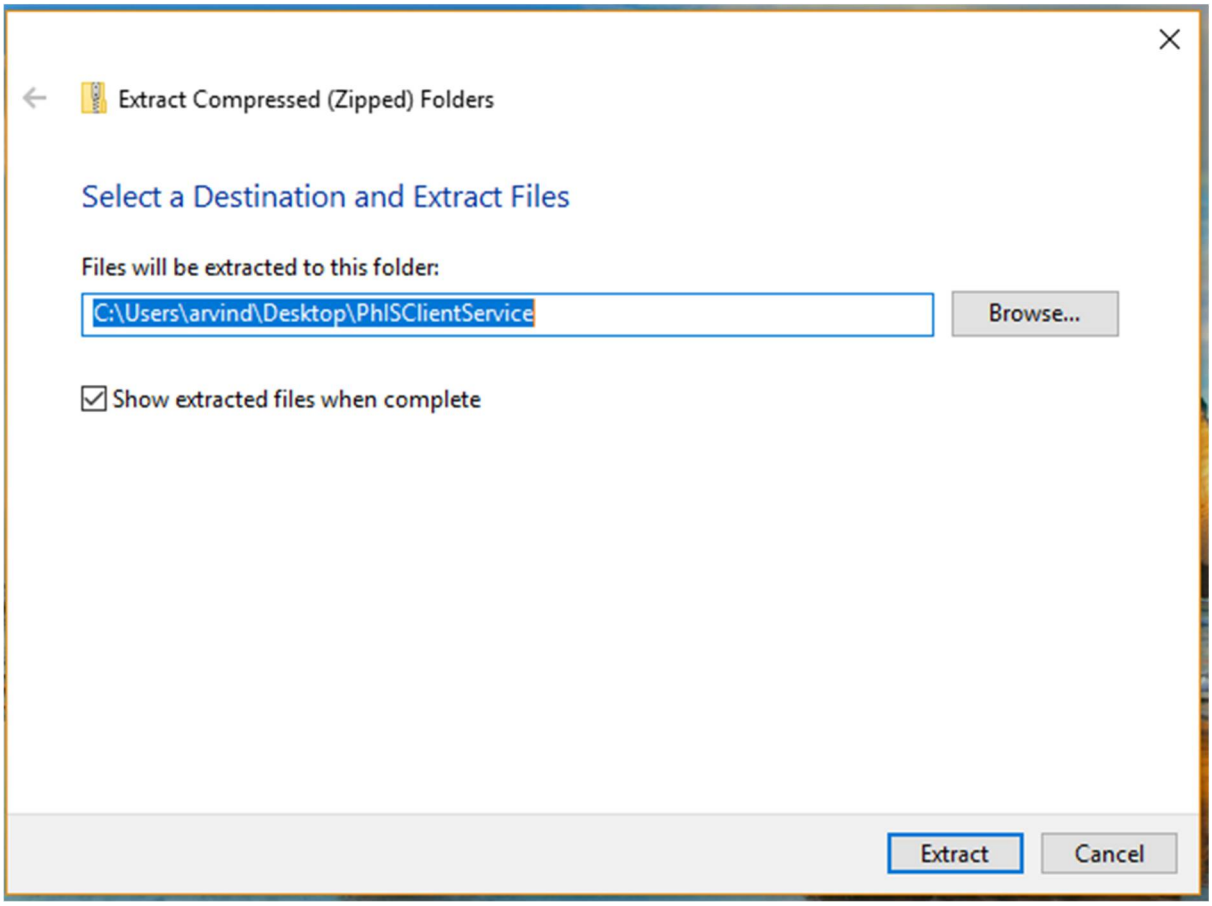
4. Click on **Next** to install JDK in the default folder



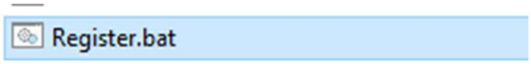
5. Click **Close** to complete the setup



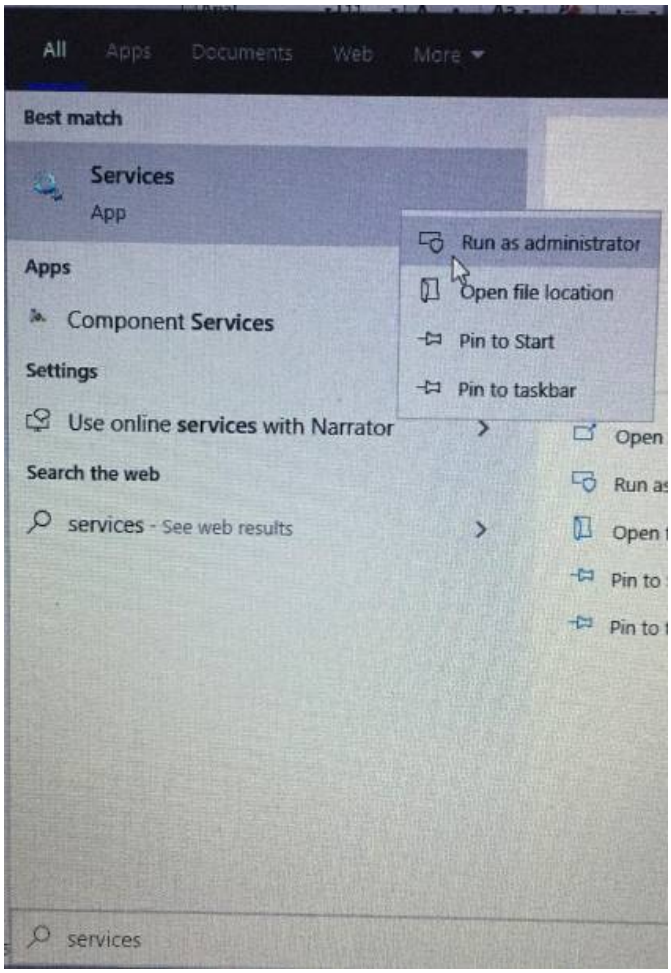
- **Installing PhIS Client Service:**
    1. Unzip the PhISClientService.zip by right click and extract all followed by click on **Extract** button as shown in the below image.



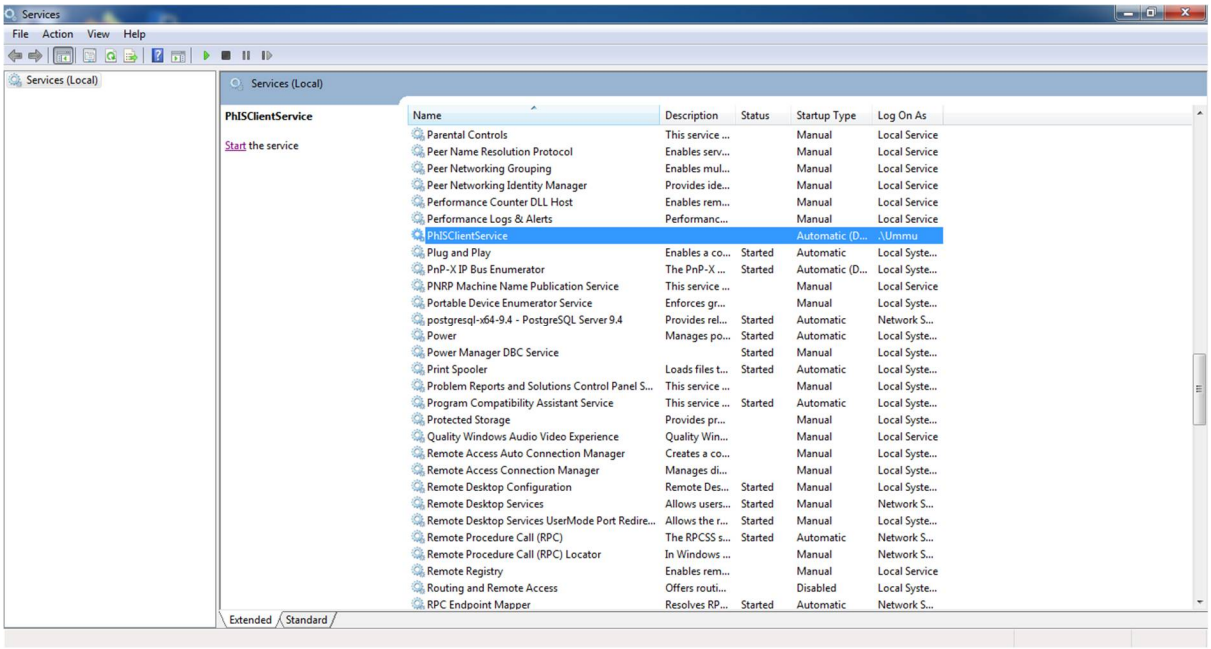
    2. After extracting completed at your current folder location, open PhISClientService folder and right-click on Register.bat file and right click on **Run as Administrator.**



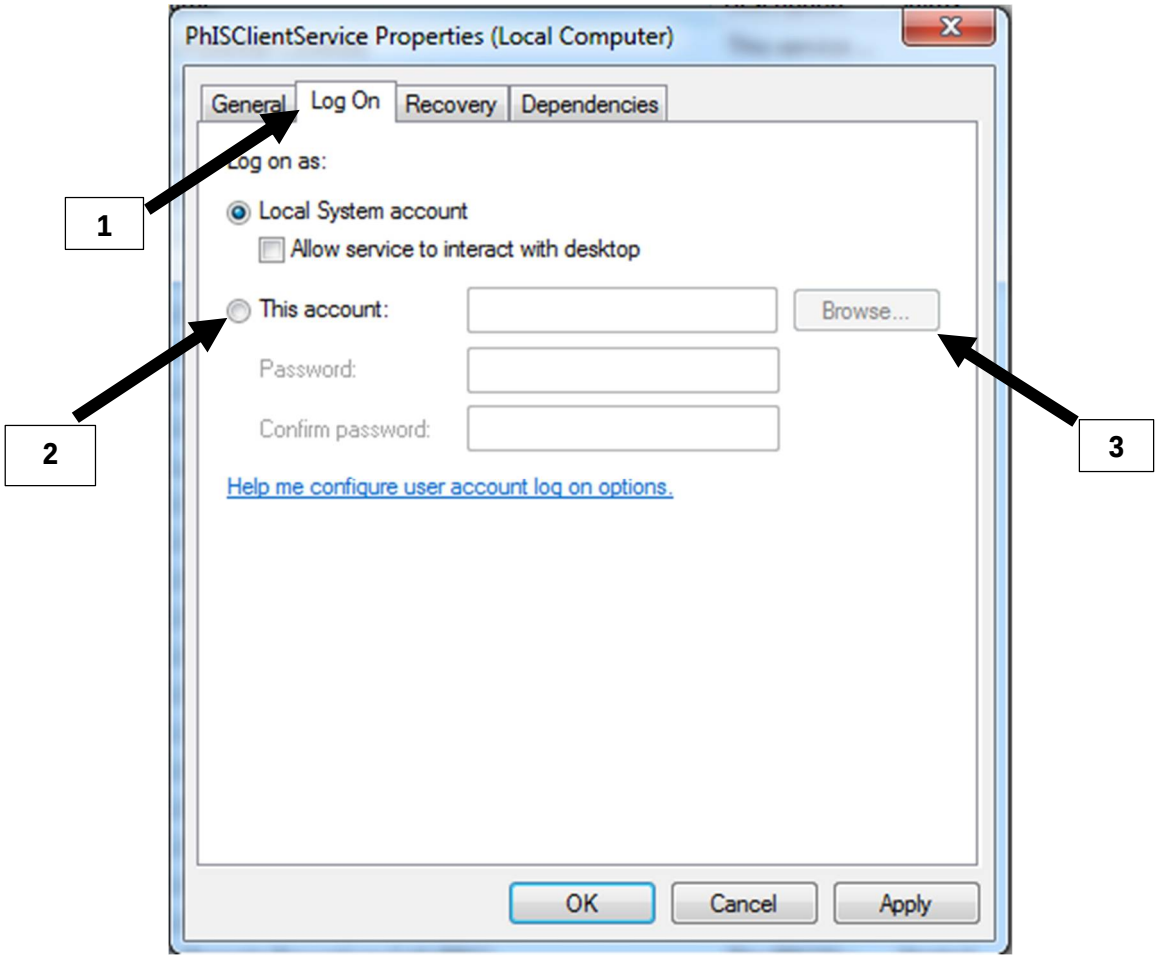
3. Next step is to allow service to run for a user. From windows search options, search for **Services** and open **Services** (**Run as administrator**)



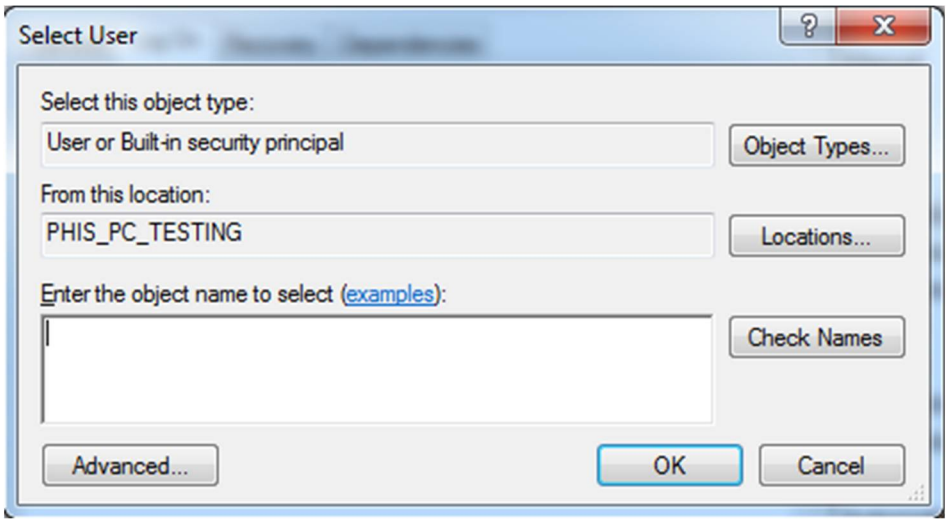
4. On below screen, look for **PhISClientService** under **Name** tab, as in the image it is highlighted in the blue color, and double click on the **PhISClientService**.



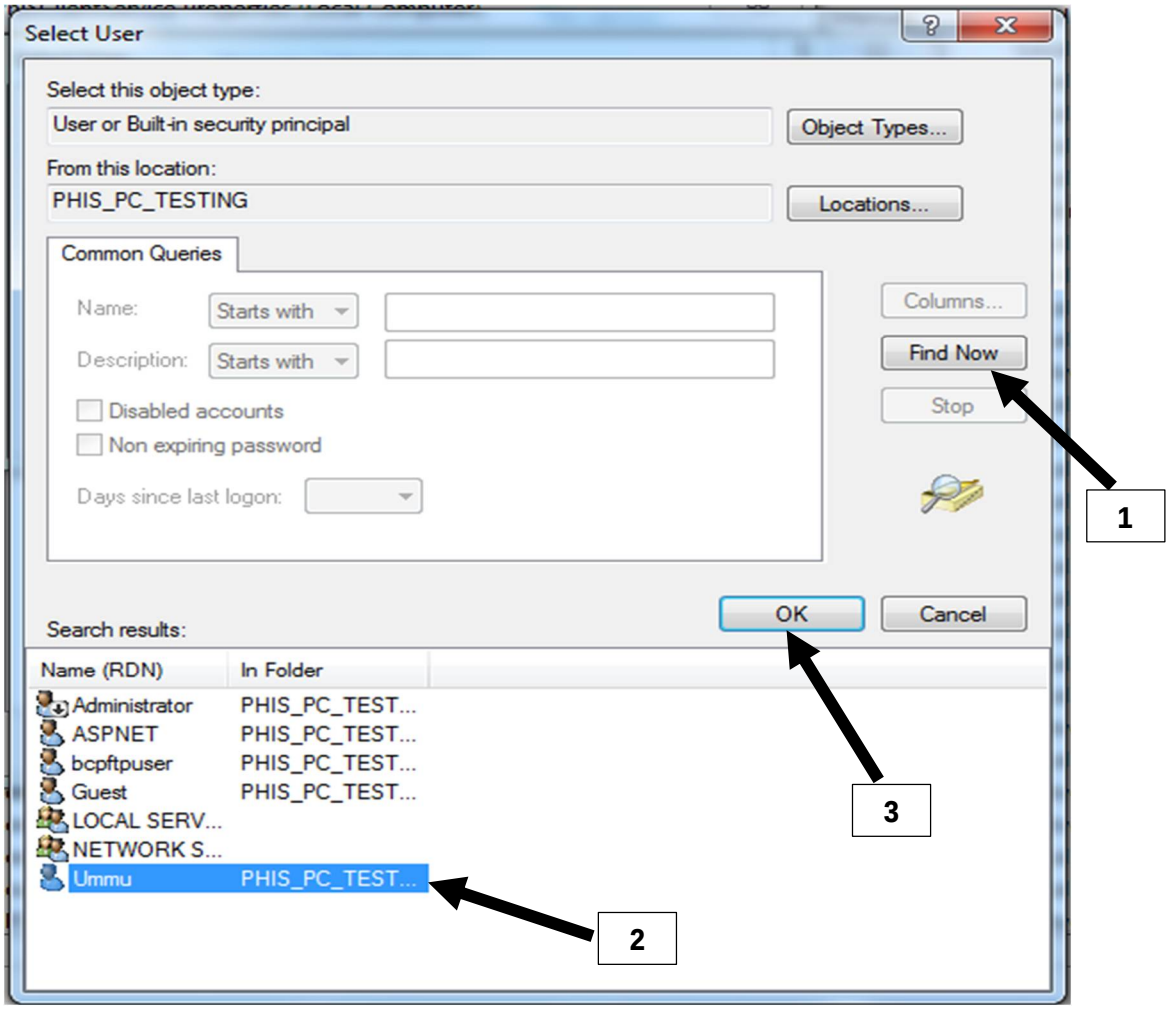
5. On the below image, click on the **Log On** tab and then choose **This account** button and then click on the **Browse** button.



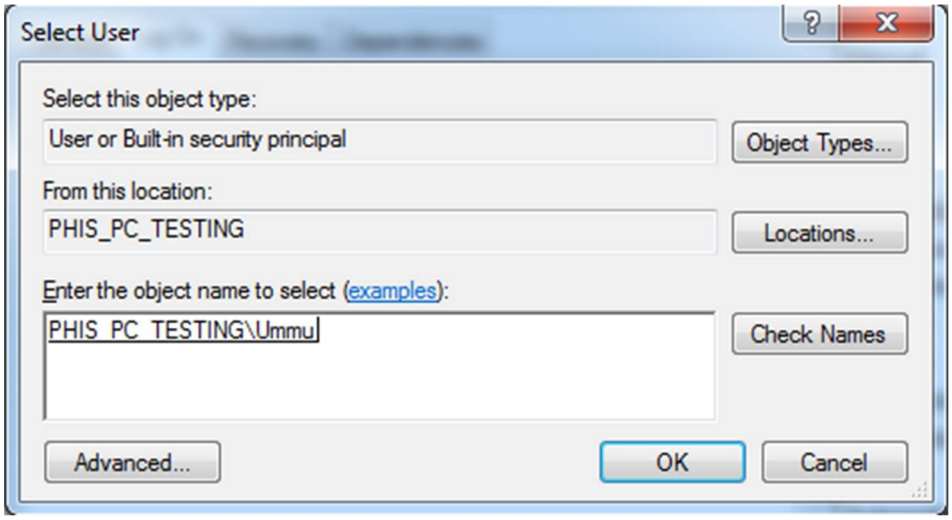
6. After opening below screen, click on **Advanced** button.



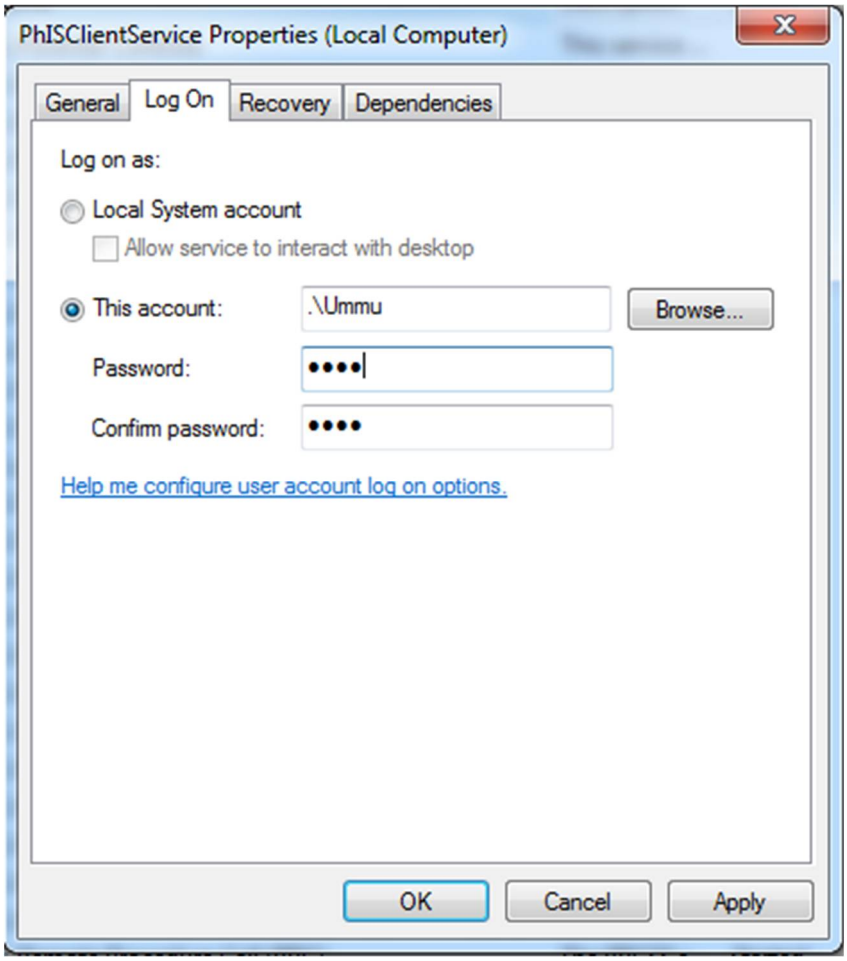
7. In the below screen, click on the **Find Now** button, all the users on the computer will display, please select the user name who is going to use IPHIS. After selecting user, click **OK,** it will close the screen.



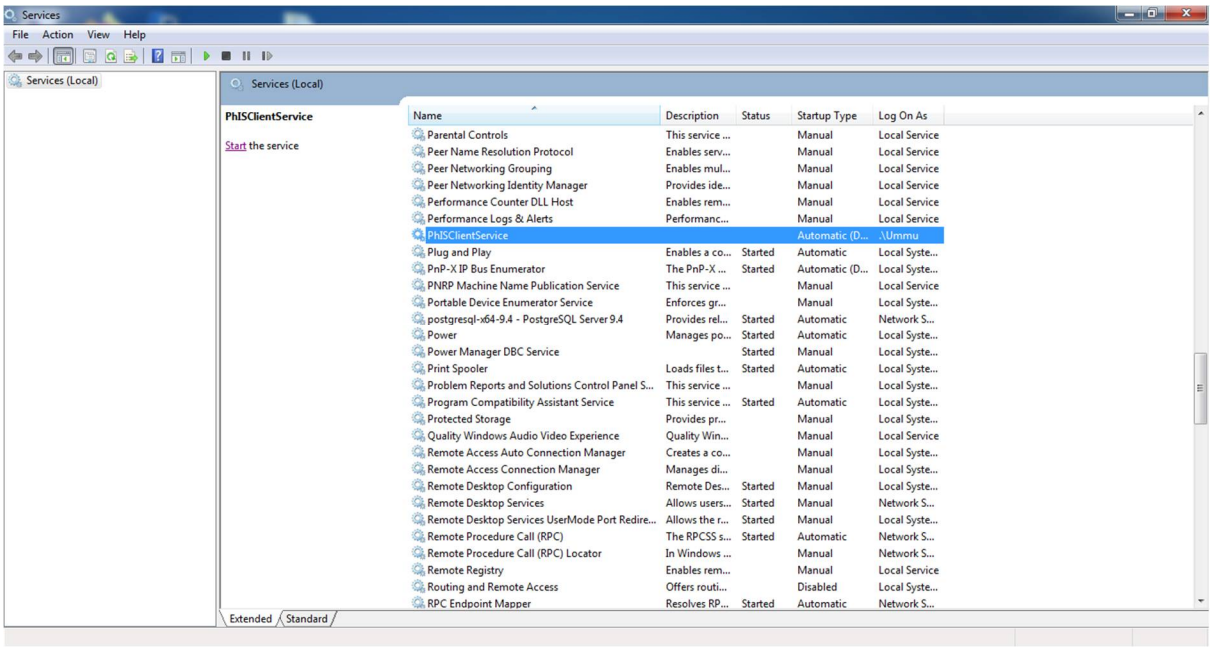
8. In the below screen, click **OK** button.



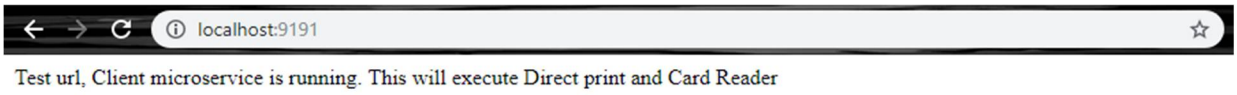
9. On the below screen, click on **Apply**, and then **OK** which will close this screen.



10. In the below screen, make sure the selected service name is **PhISClientService** and then click on the **Start** button which is located on the left of selected services.



11. To verify service running or not, please visit http://localhost:9191



12. After this Direct print to default configured printer and MyKad Reader can be used in any of the browsers.