



**How to open up TCP, UDP Ports and Ping Ports on Windows
system?
(Firewall)**

June-29-2020, Version V.0

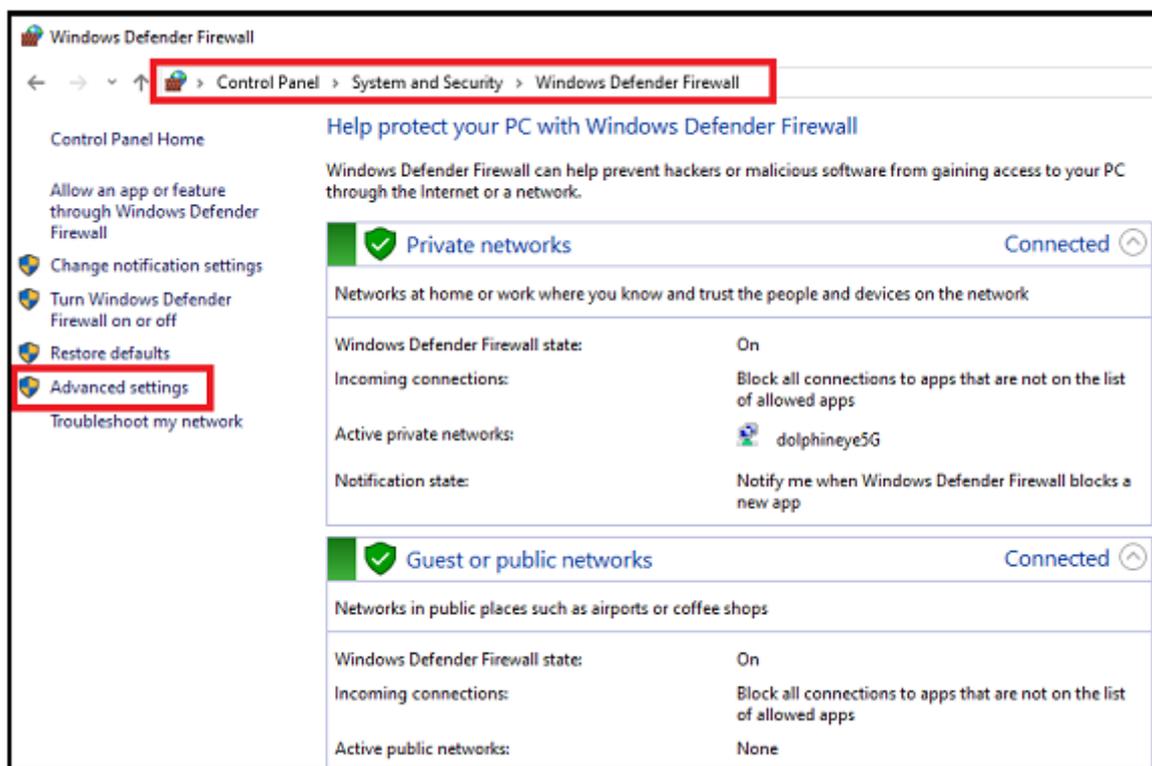
Contact information: support@dolphinpos.com

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Firewall changes

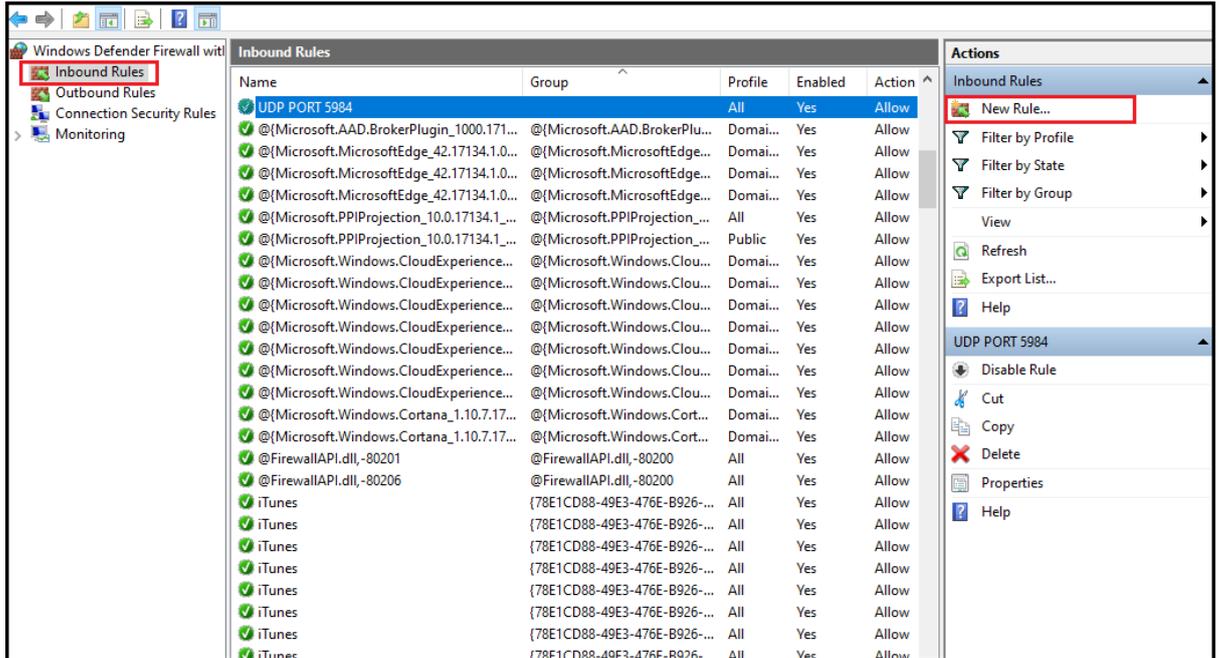
1. From the “PC” go to → **Control Panel\System and Security\Windows Defender Firewall**

Click **advanced settings (on the left side)**. The Windows Firewall and Advanced Security screen appears.

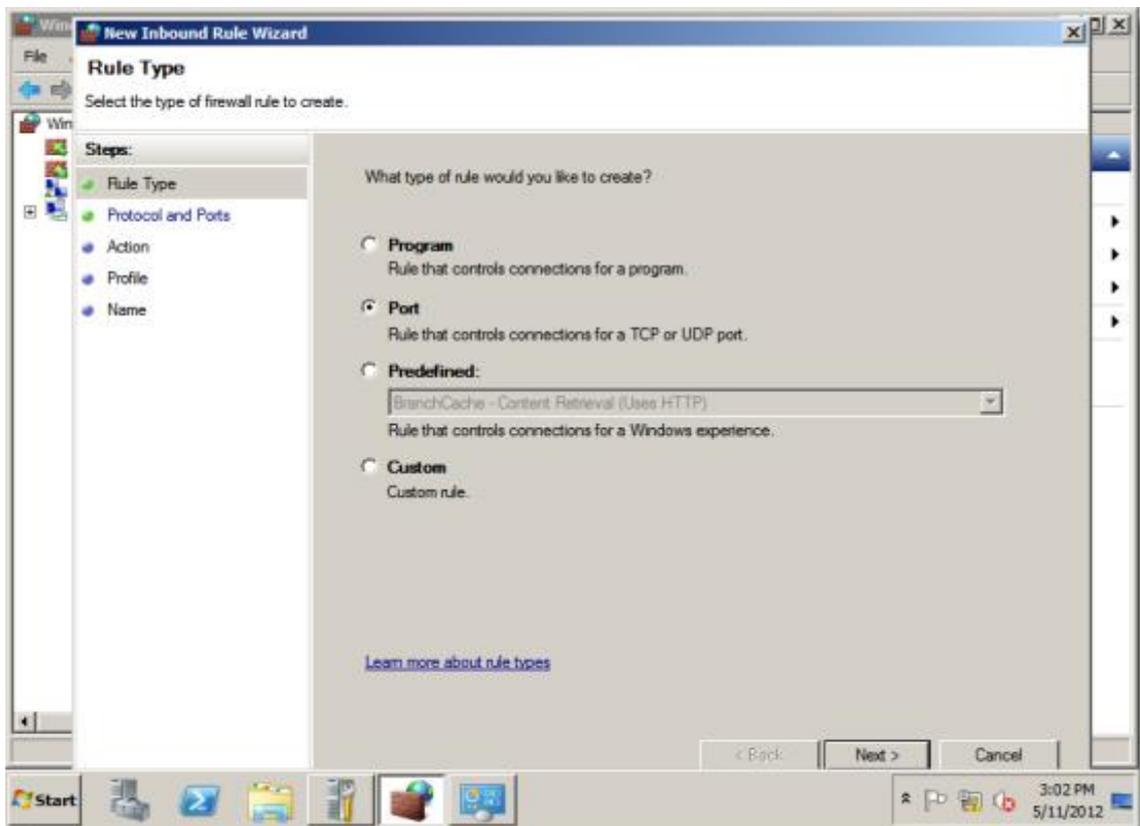


2. Click “**Inbound Rules**”.
(On the left side, under windows firewall ...”Inbound Rules”)
3. Click “**New Rule**”. The New inbound Rule Wizard appears.
(On the right side, under Inbound rules ...”New Inbound Rules”)

Firewall rule Application

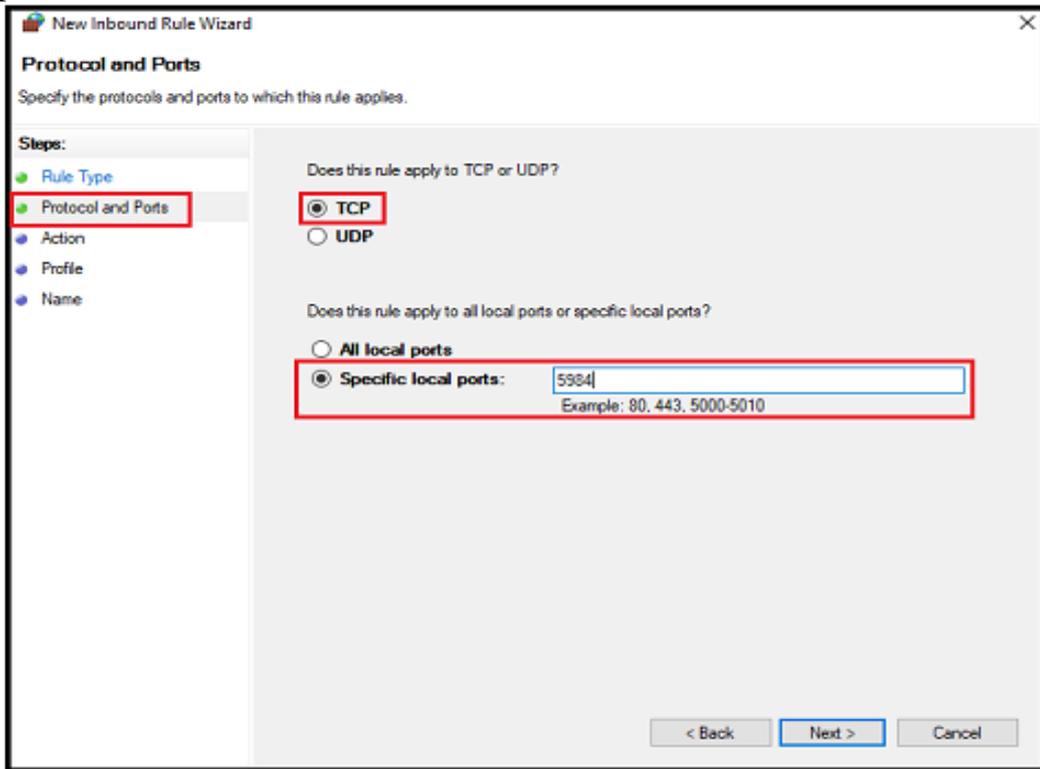


4. Click on "**Port**" (TCP or UDP depending on the desired **local ports**) and then click on "Next" button.

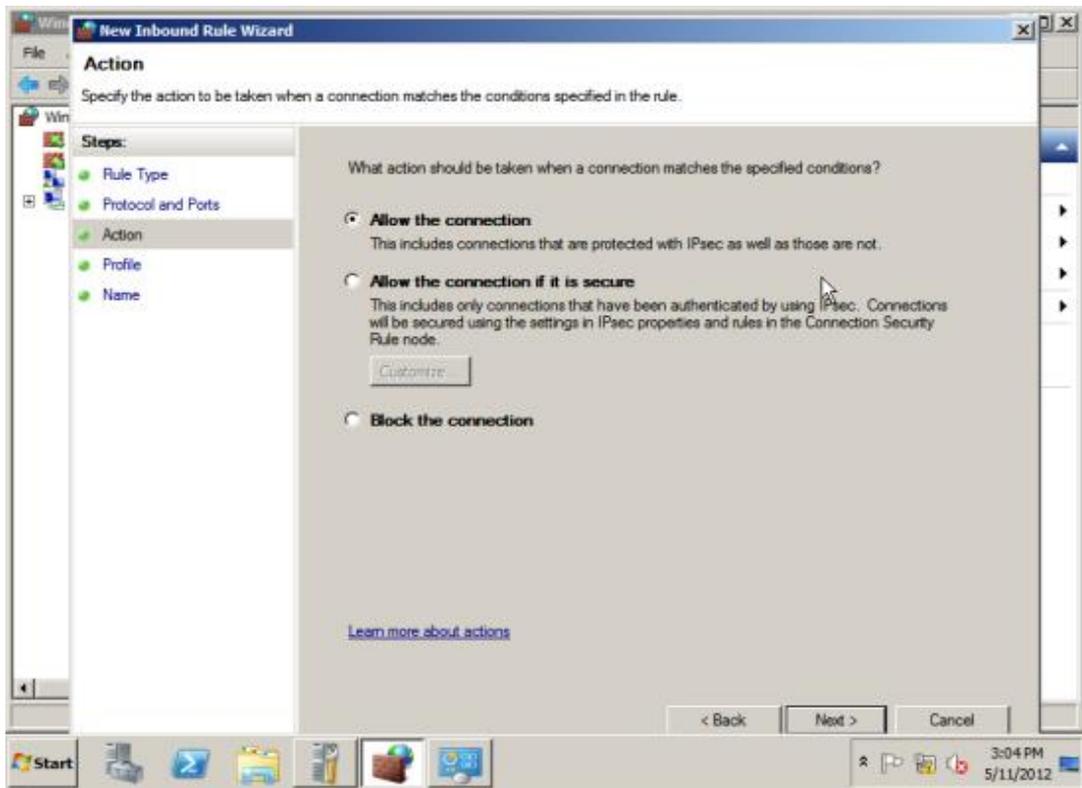


Firewall rule Application

5. Choose either TCP or UDP and then enter the port numbers to open (like **5984**) and then click on "Next" button.

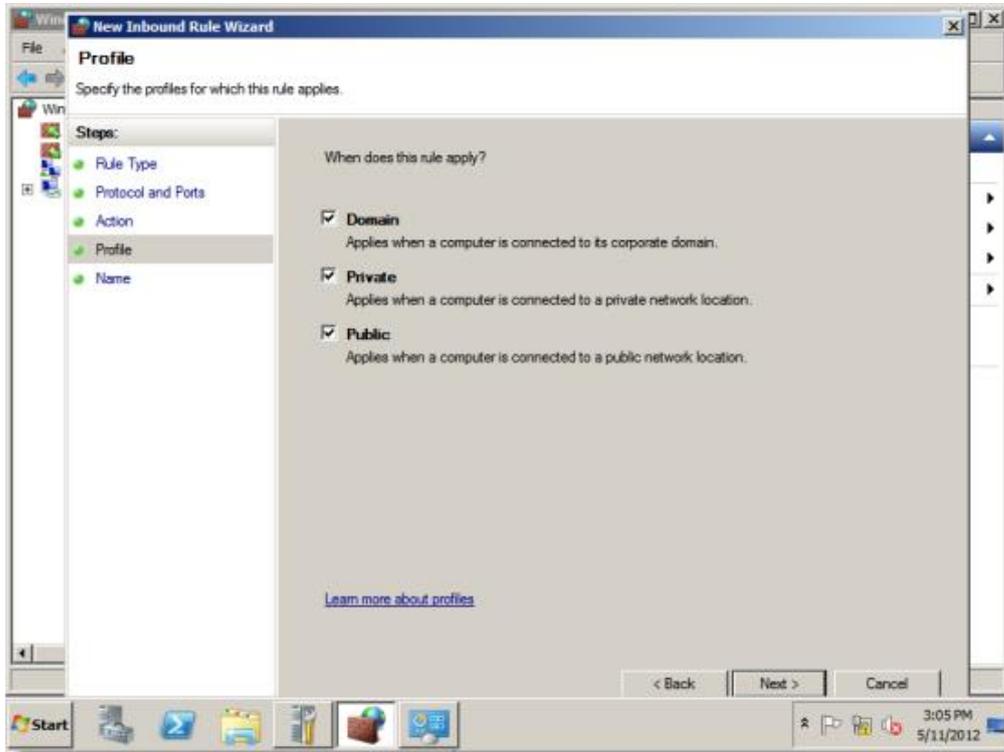


6. The **Action** screen appears. Select "Allow the connection" and then click on "Next" button.

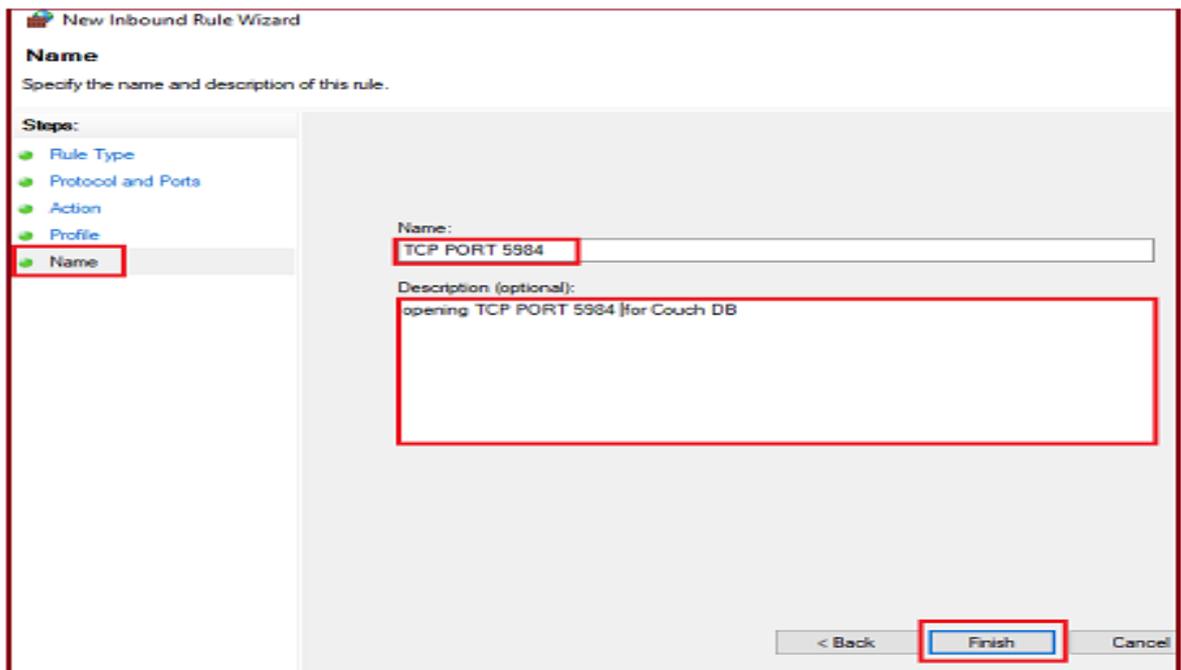


Firewall rule Application

- The **Profile** screen appears, make sure “Domain”, “Private” and “public” should be selected and then click on "Next" button.



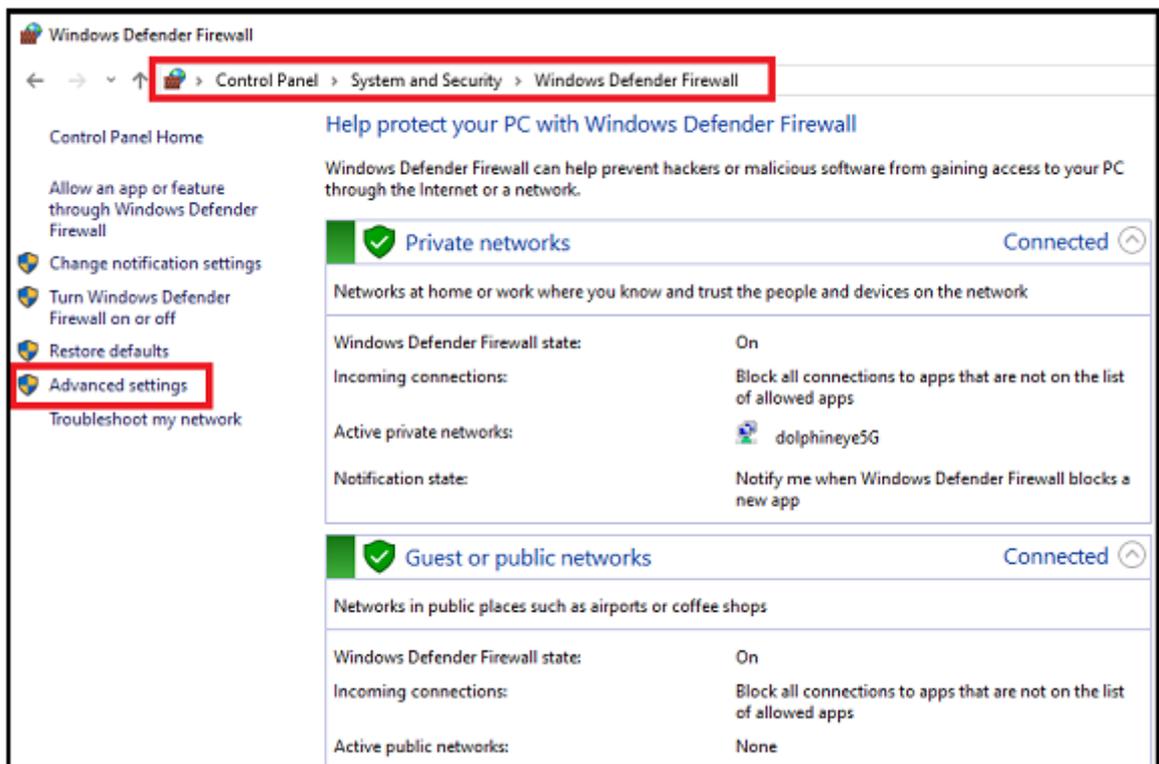
- The **Name** screen appears. Enter a name and description for the rule (like TCP PORT 5984). Click **Finish**. The rule will be added.



Ping enabling for the inbound rule

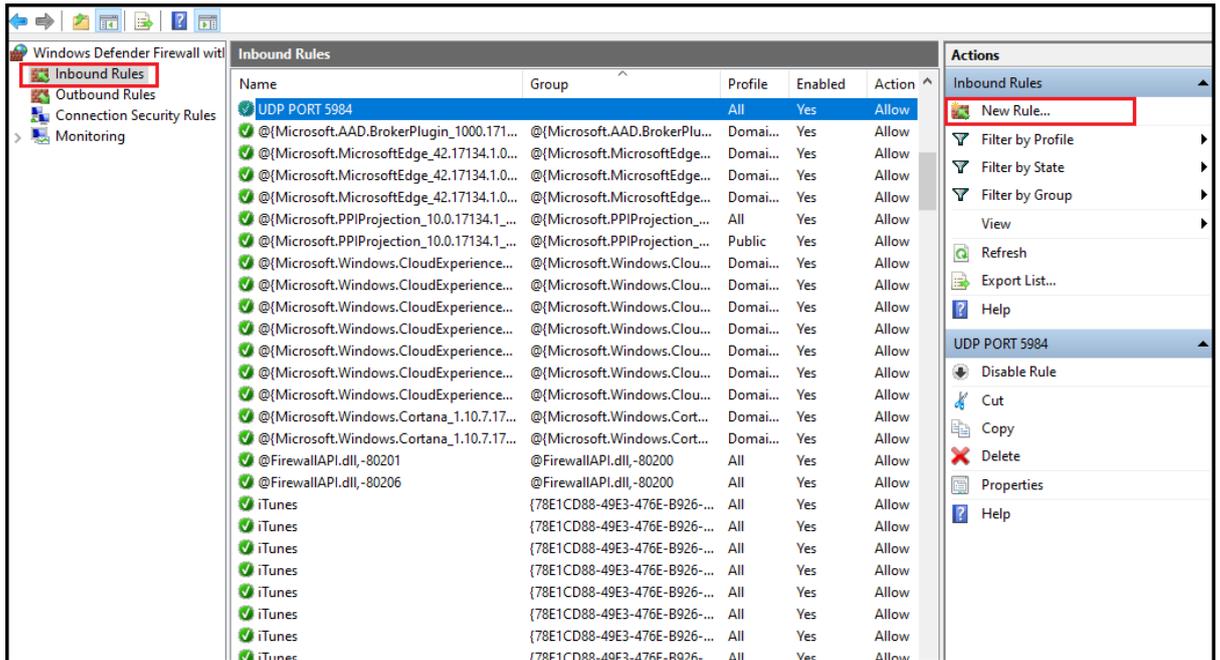
1. From the “PC” go to → **Control Panel\System and Security\Windows Defender Firewall**

Click **advanced settings (on the left side)**. The Windows Firewall and Advanced Security screen appears.

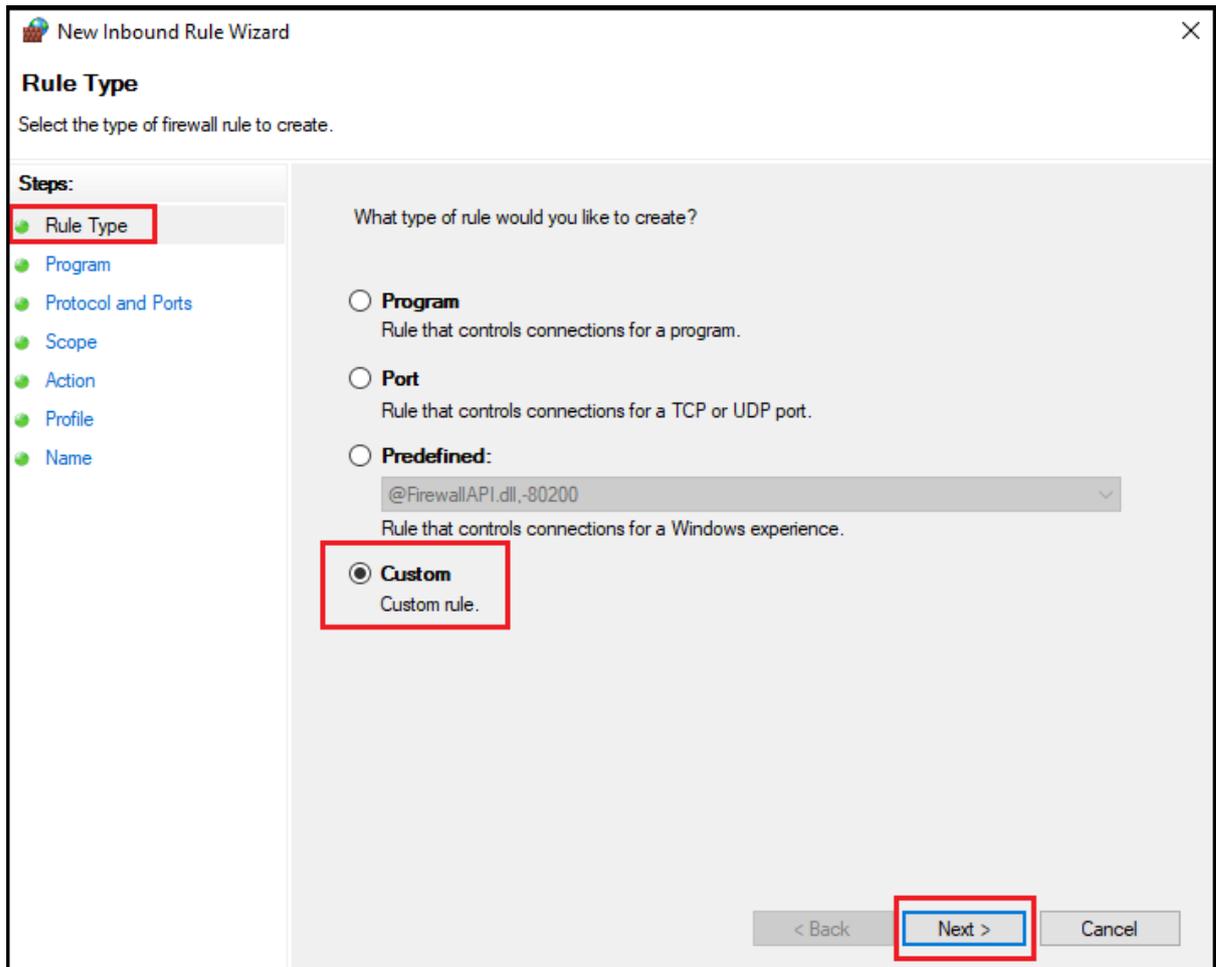


2. Click **“Inbound Rules”**.
(On the left side, under windows firewall ...”Inbound Rules”)
3. Click **“New Rule”**. The New inbound Rule Wizard appears.
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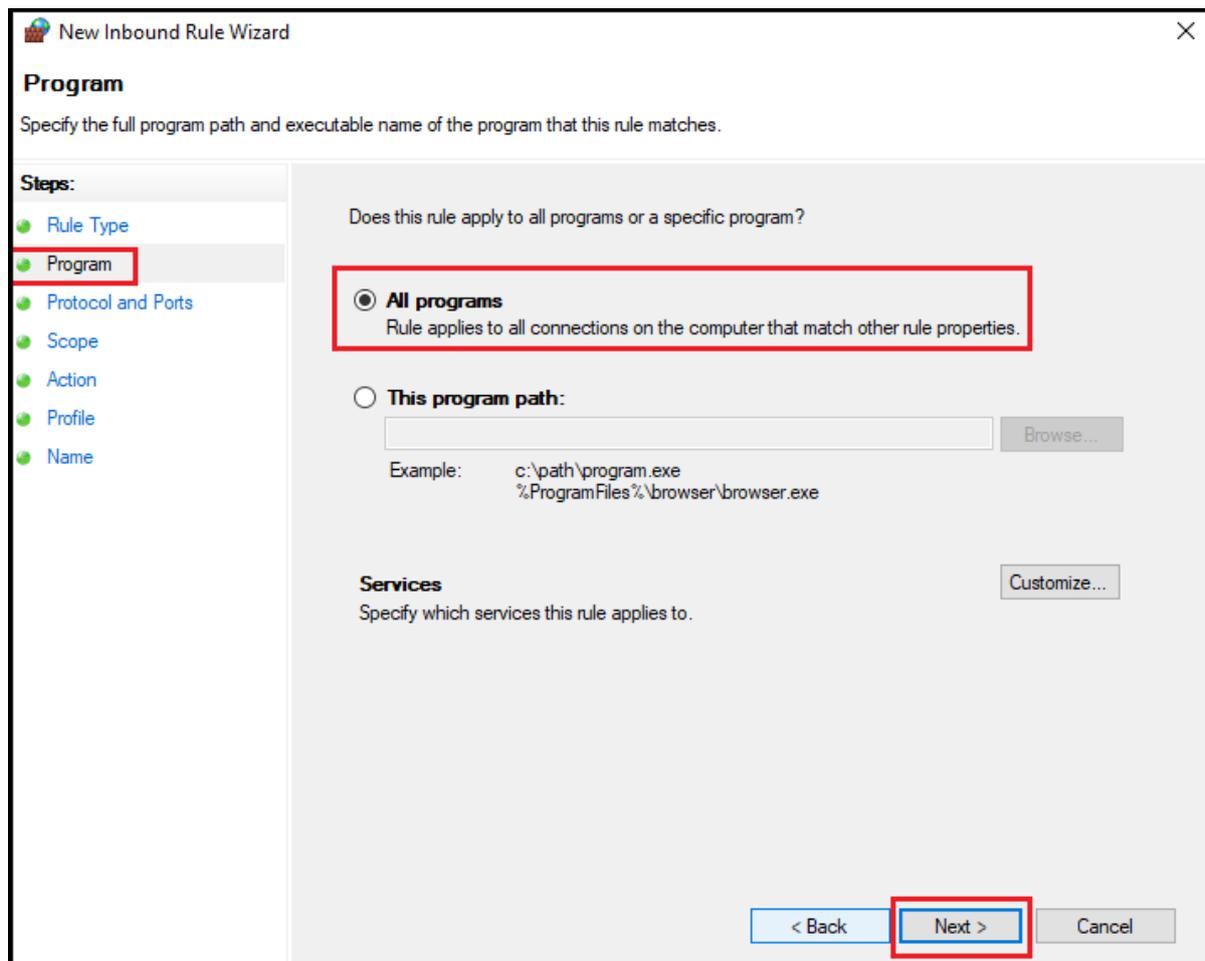
Firewall rule Application



4. Select “Custom” and then click “Next”

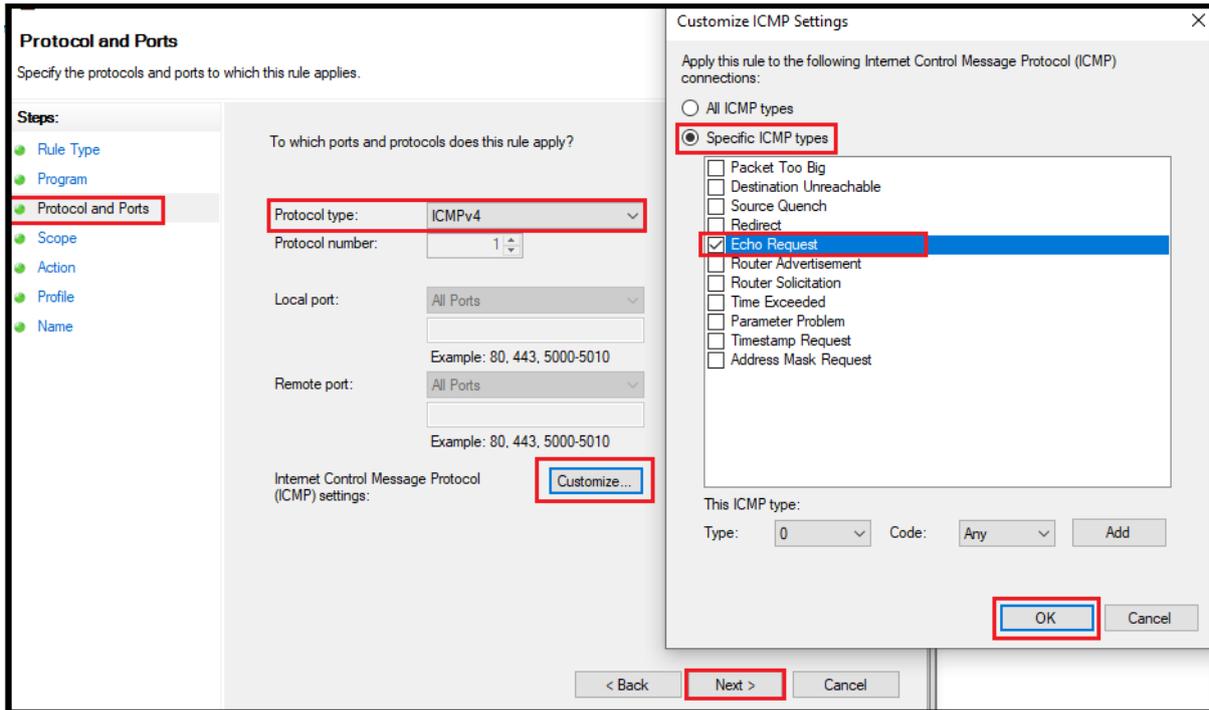


5. Select “All programs” and then click “Next”

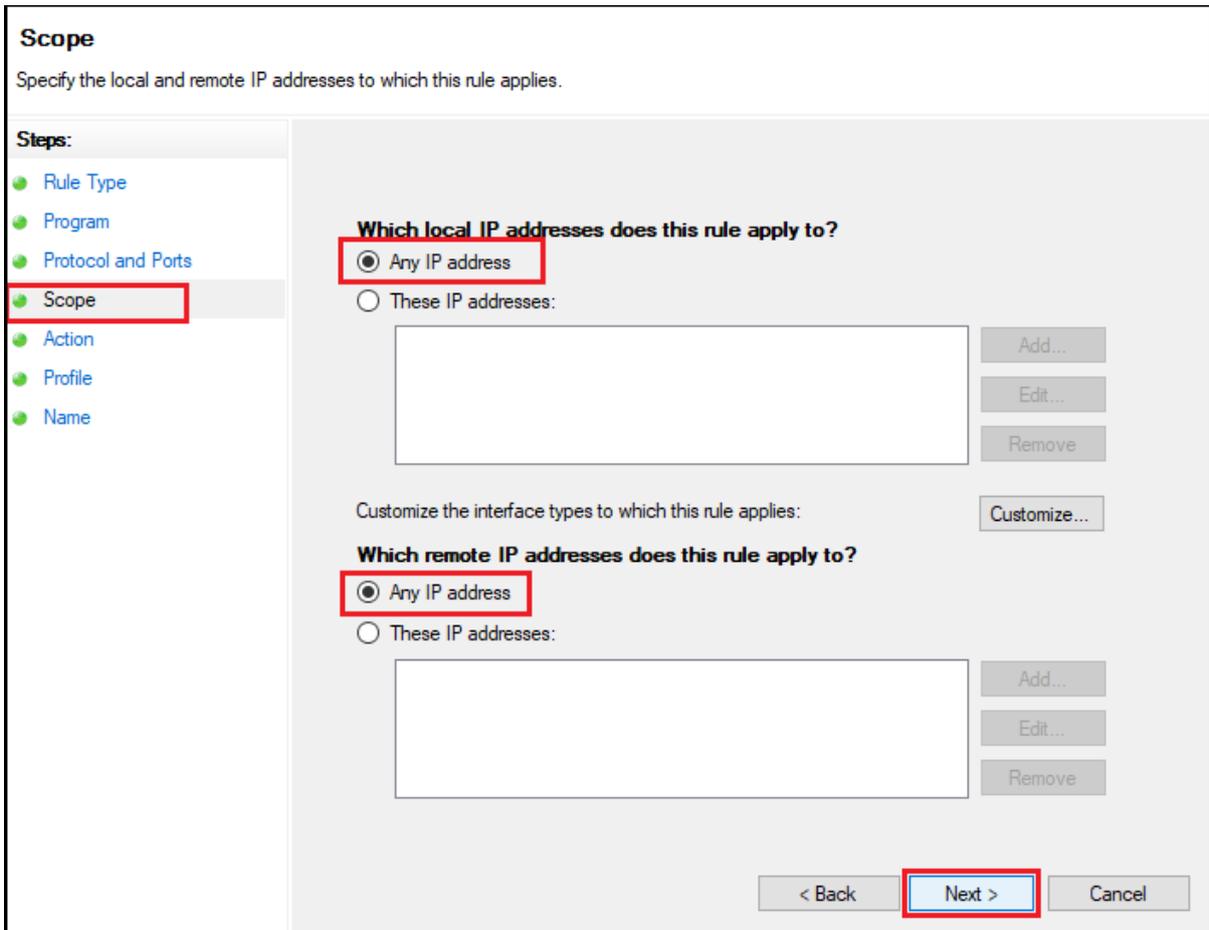


6. Select “**Protocol Type:ICMPv4**” and then click “customize”
a new popup will appear.
- Select “Specific ICMP Types” and then “Eco Request”
 - Click ‘OK’ and then click “Next”

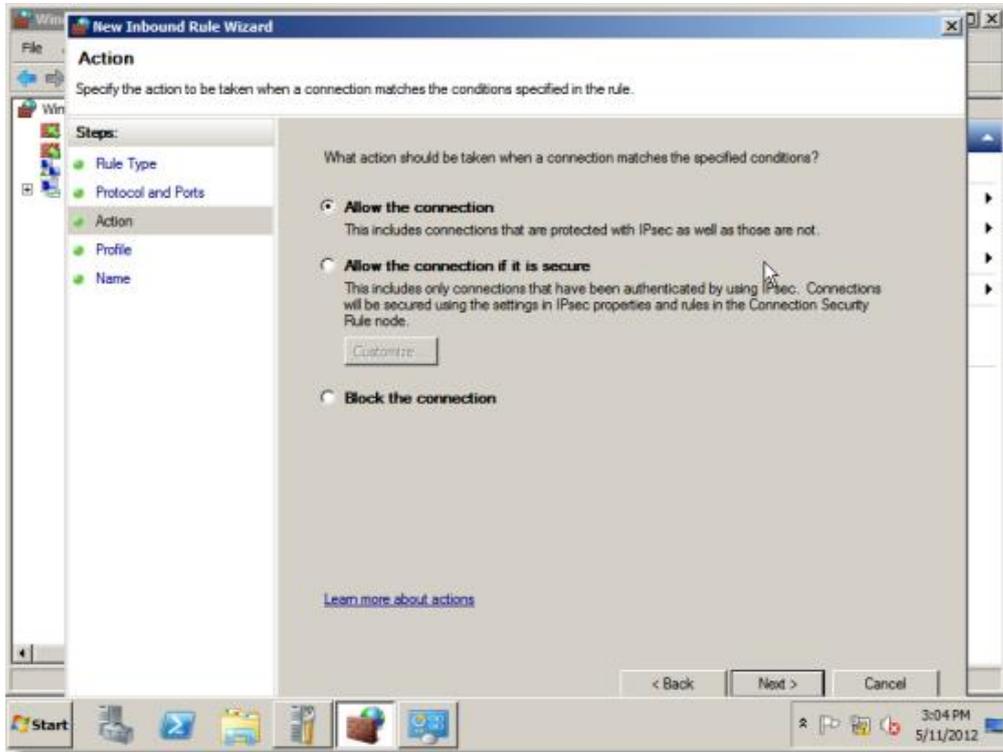
Firewall rule Application



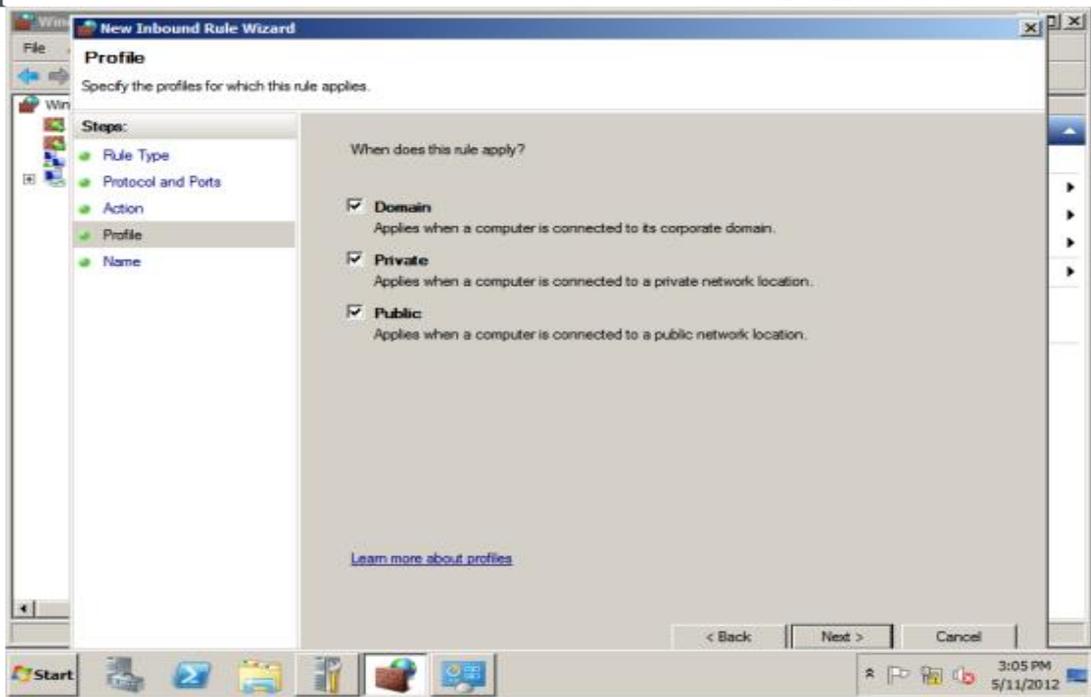
7. Select “Any IP address” for both and then click “Next”



8. The **Action** screen appears. Select “**Allow the connection**” and then click on “**Next**” button.

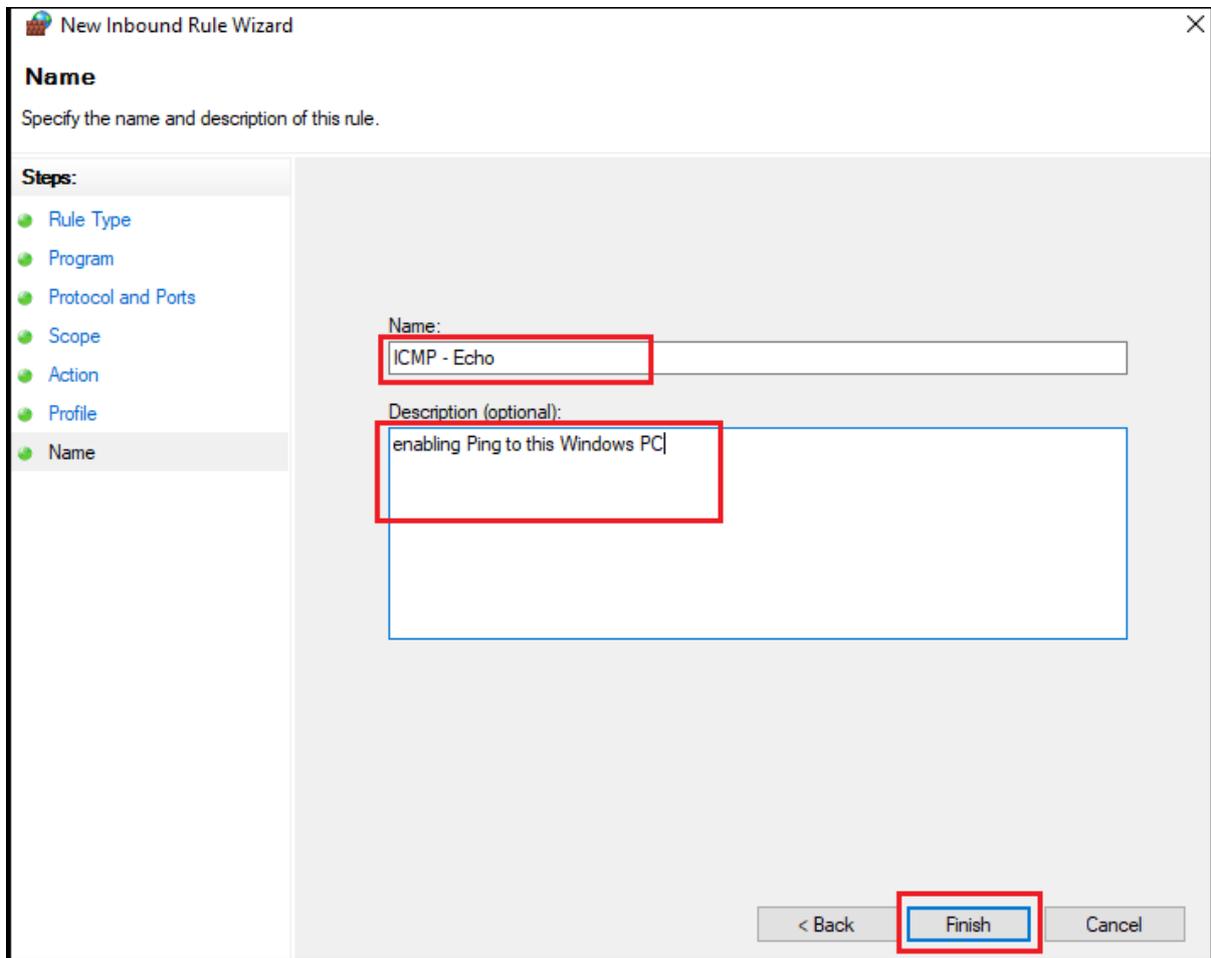


9. The **Profile** screen appears, make sure “Domain”, “Private” and “public” should be selected and then click on “**Next**” button.



Firewall rule Application

10. The **Name** screen appears. Enter a name and description for the rule (like ICMP Echo). Click “**Finish**”. The rule will be added.



The screenshot shows the 'New Inbound Rule Wizard' dialog box, specifically the 'Name' step. The title bar reads 'New Inbound Rule Wizard' with a close button (X) on the right. Below the title bar, the word 'Name' is displayed in bold. Underneath, it says 'Specify the name and description of this rule.' On the left side, there is a 'Steps:' list with the following items: 'Rule Type', 'Program', 'Protocol and Ports', 'Scope', 'Action', 'Profile', and 'Name'. The 'Name' step is currently selected and highlighted. The main area of the dialog contains two input fields. The first is labeled 'Name:' and contains the text 'ICMP - Echo'. The second is labeled 'Description (optional):' and contains the text 'enabling Ping to this Windows PC'. At the bottom right of the dialog, there are three buttons: '< Back', 'Finish', and 'Cancel'. The 'Finish' button is highlighted with a red border.