## Open Windows Firewall

Steps

The following instructions are for opening TCP Port 80 in the Windows Defender Firewall – the firewall software included with Windows. If you are using an alternate firewall, please consult their documentation.

Important: It is not adequate to open the port's inbound and outbound traffic for just the program or the service. You must create <u>Port</u> rules as directed below in Step 6, or it will <u>not</u> work.

1. Open **Control Panel** from the Start menu.
2. Select **System and Security**.
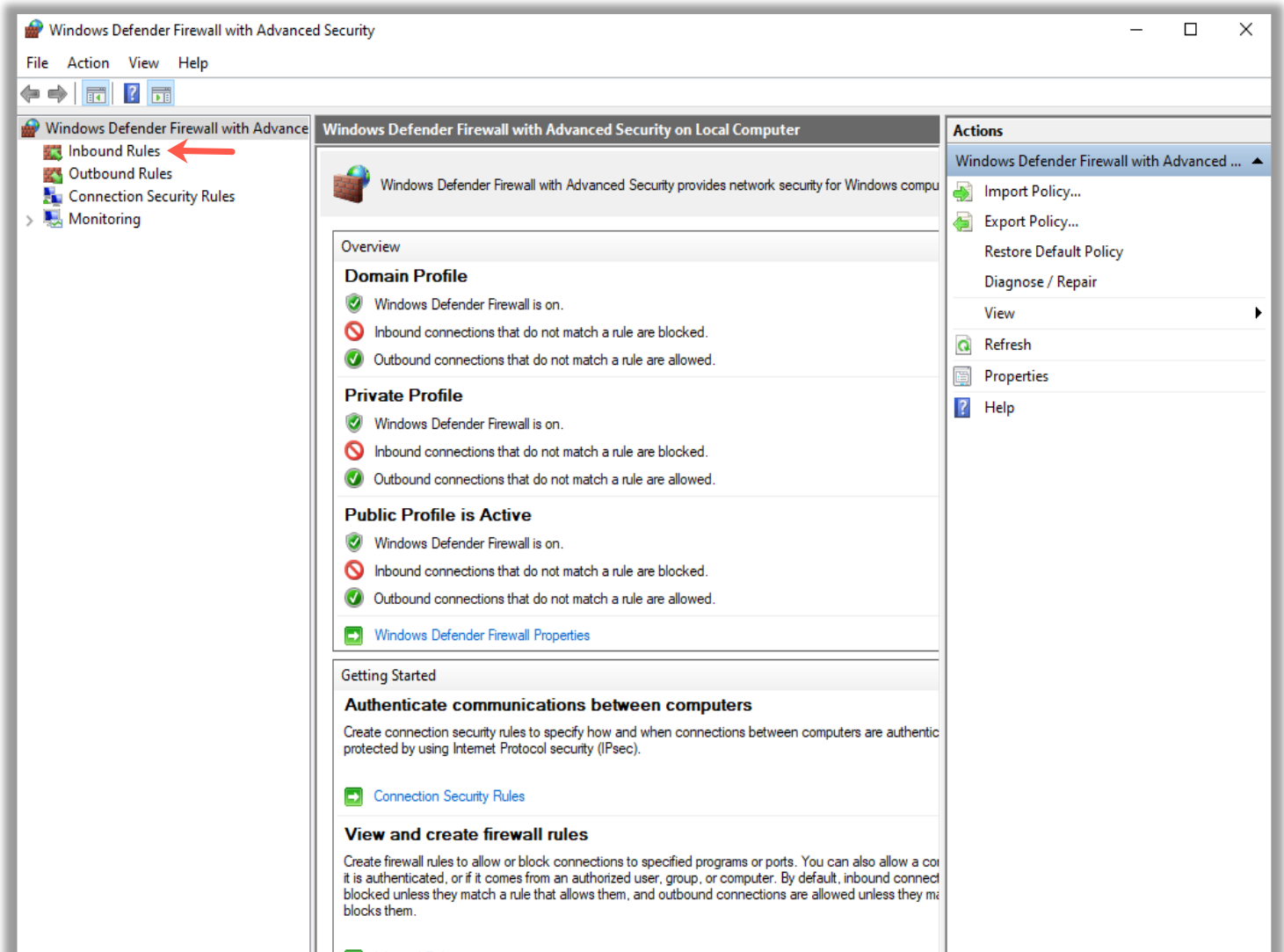3. Select **Windows Defender Firewall**.
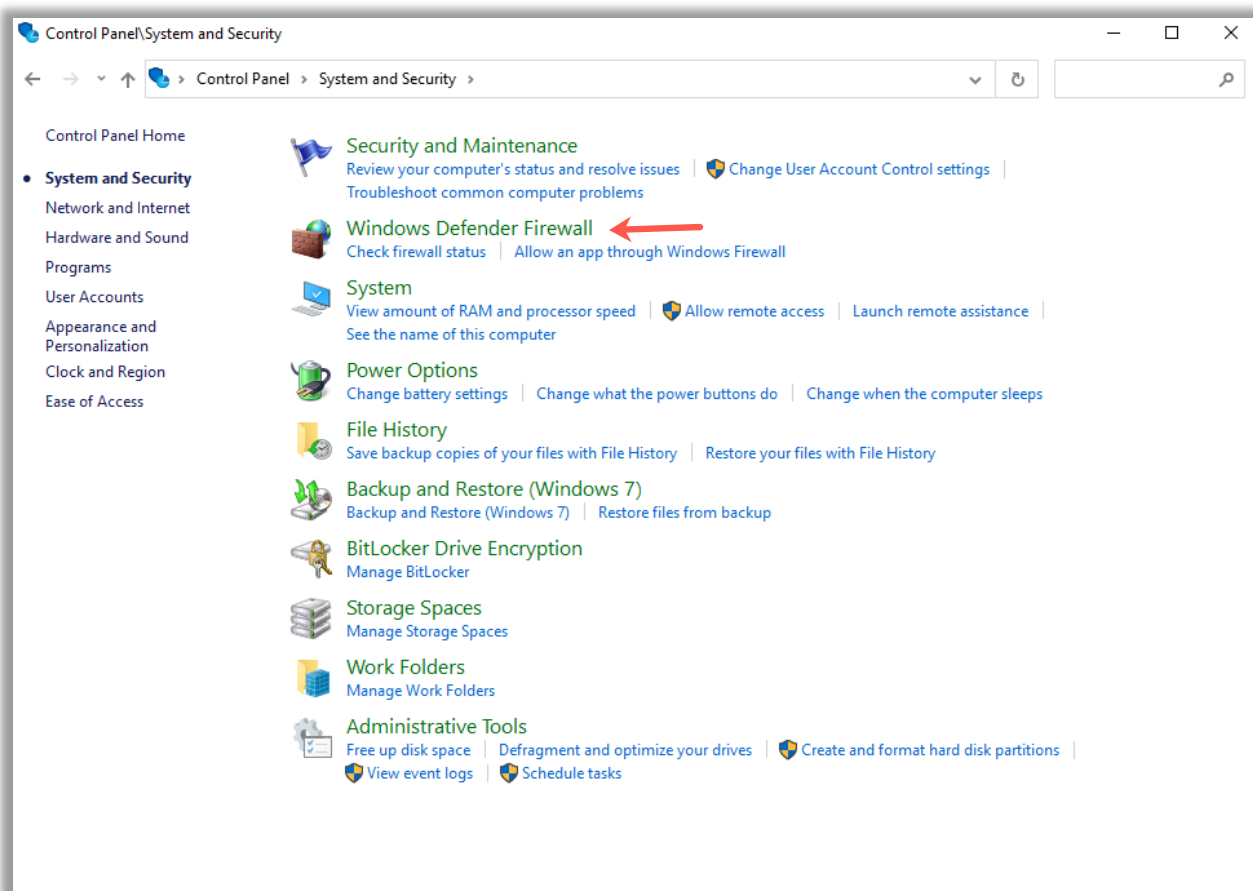
Select Advanced Settings....

4. Select **Advanced settings** in the left column of the Windows Defender Firewall window.
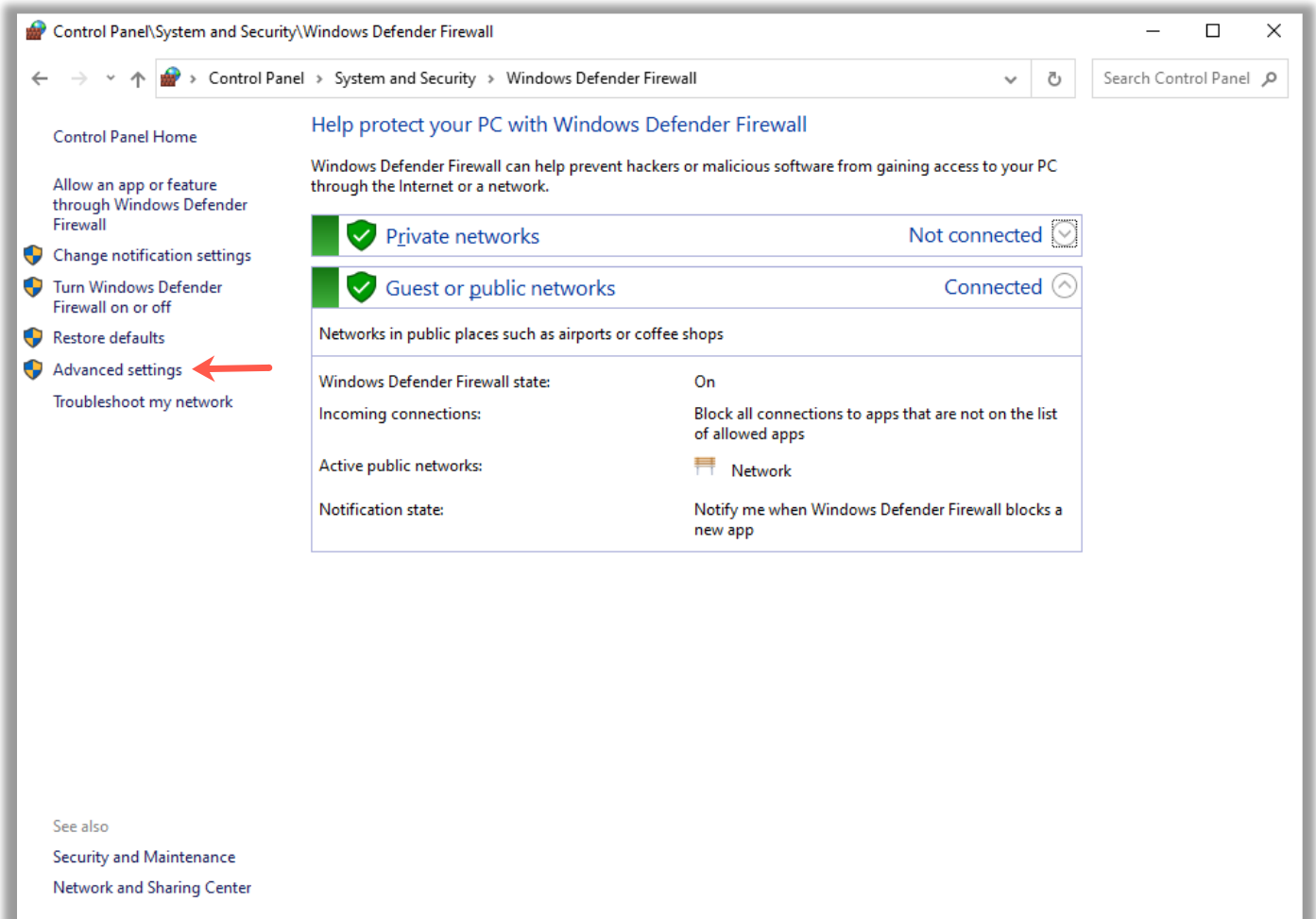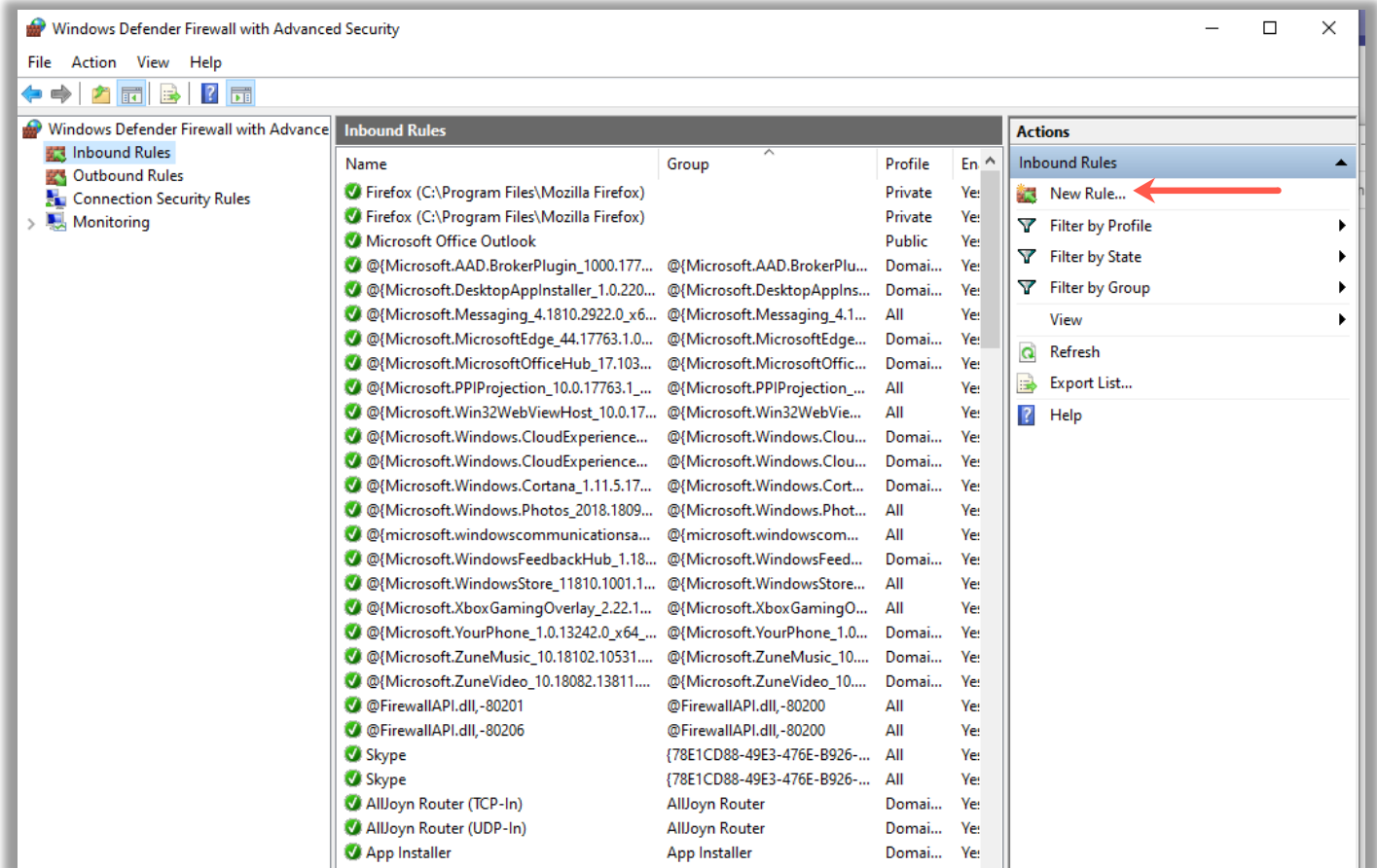
Select Inbound Rules...

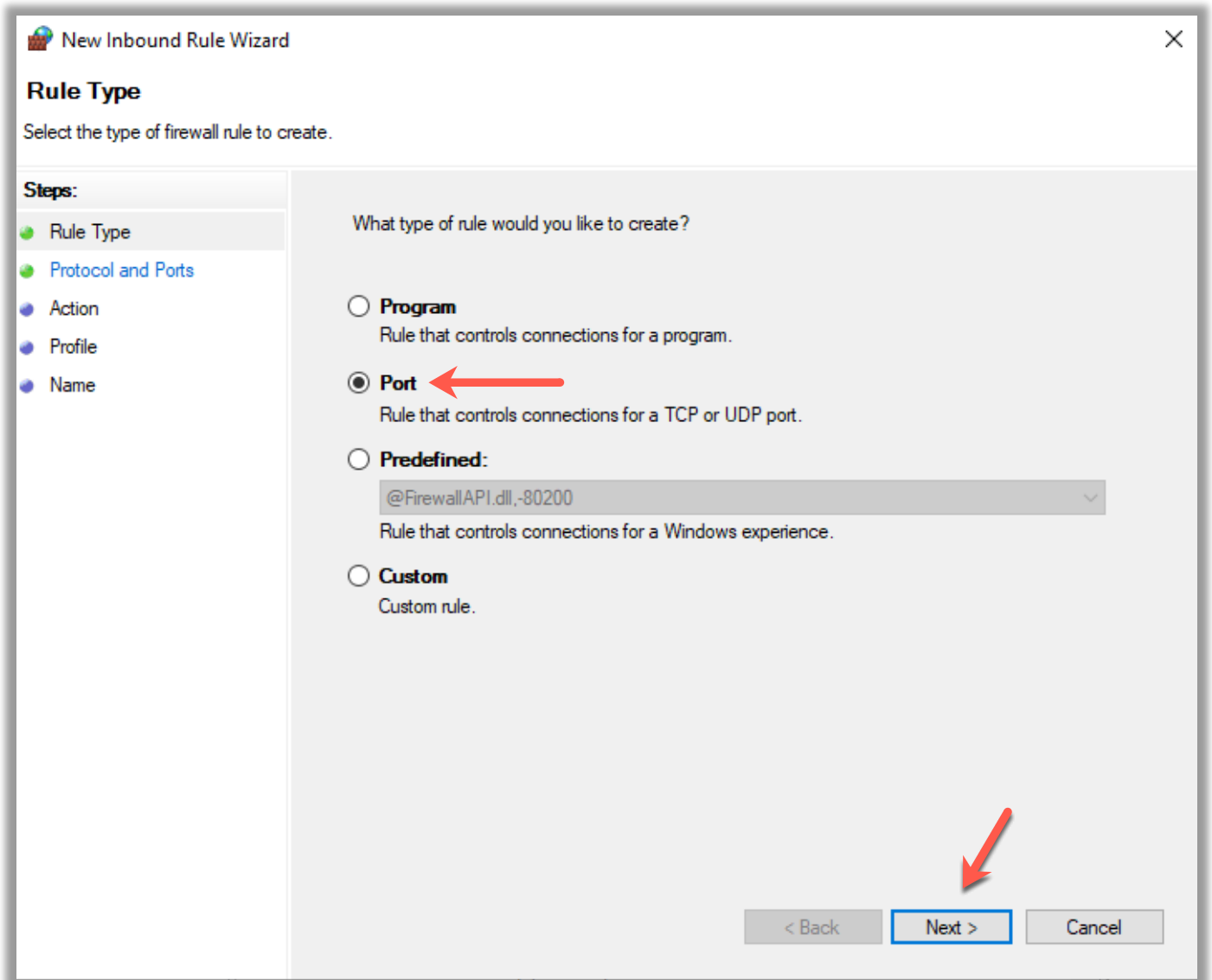5. Select **Inbound Rul**es in the left column of the Windows Defender Firewall with Advanced Security window.

Select New Rule

6. Select **New Rule** in the right column.
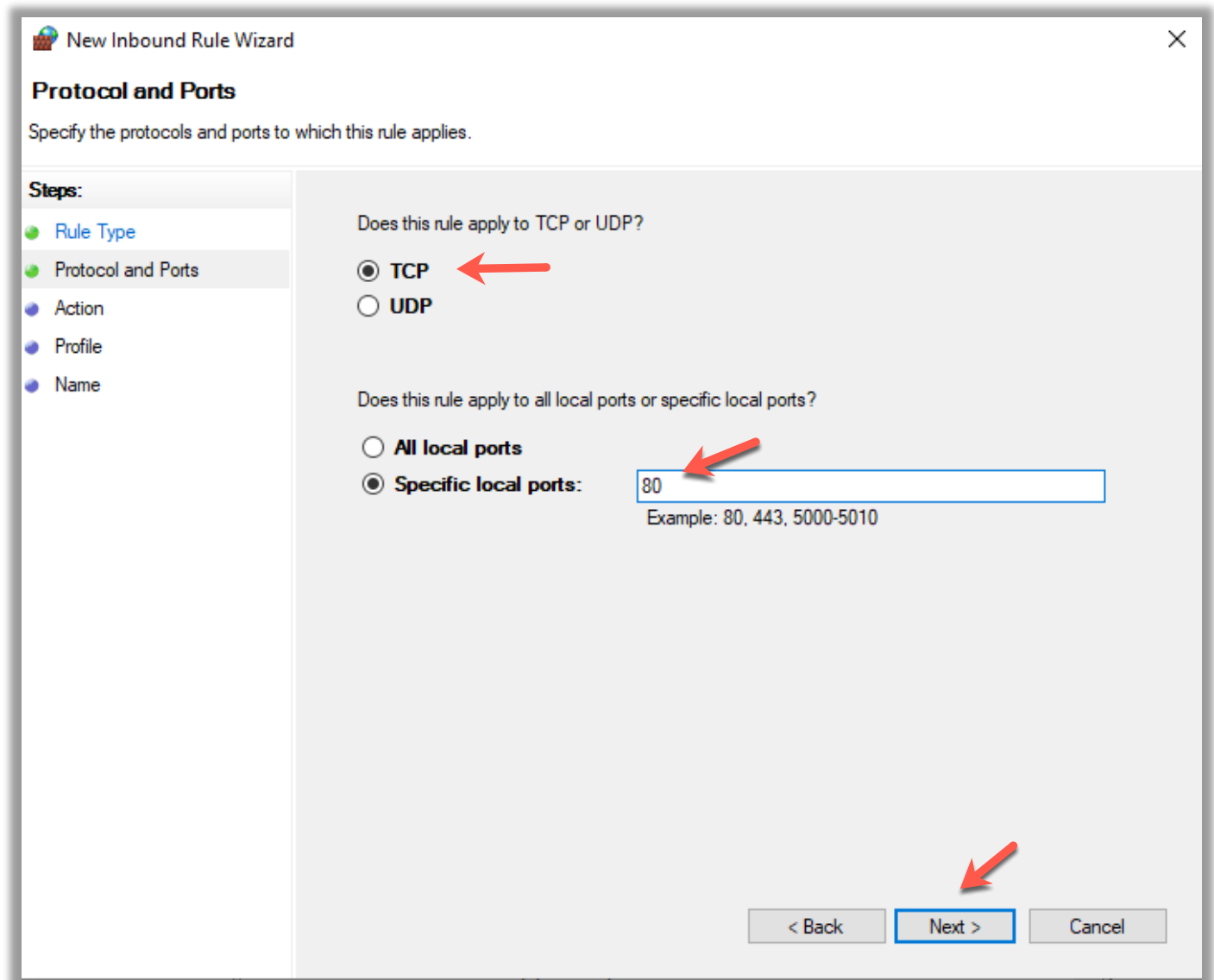

Select Port...

7. Select **Port** in the New Inbound Rule Wizard and then click **Next**. *Note, do not create a*
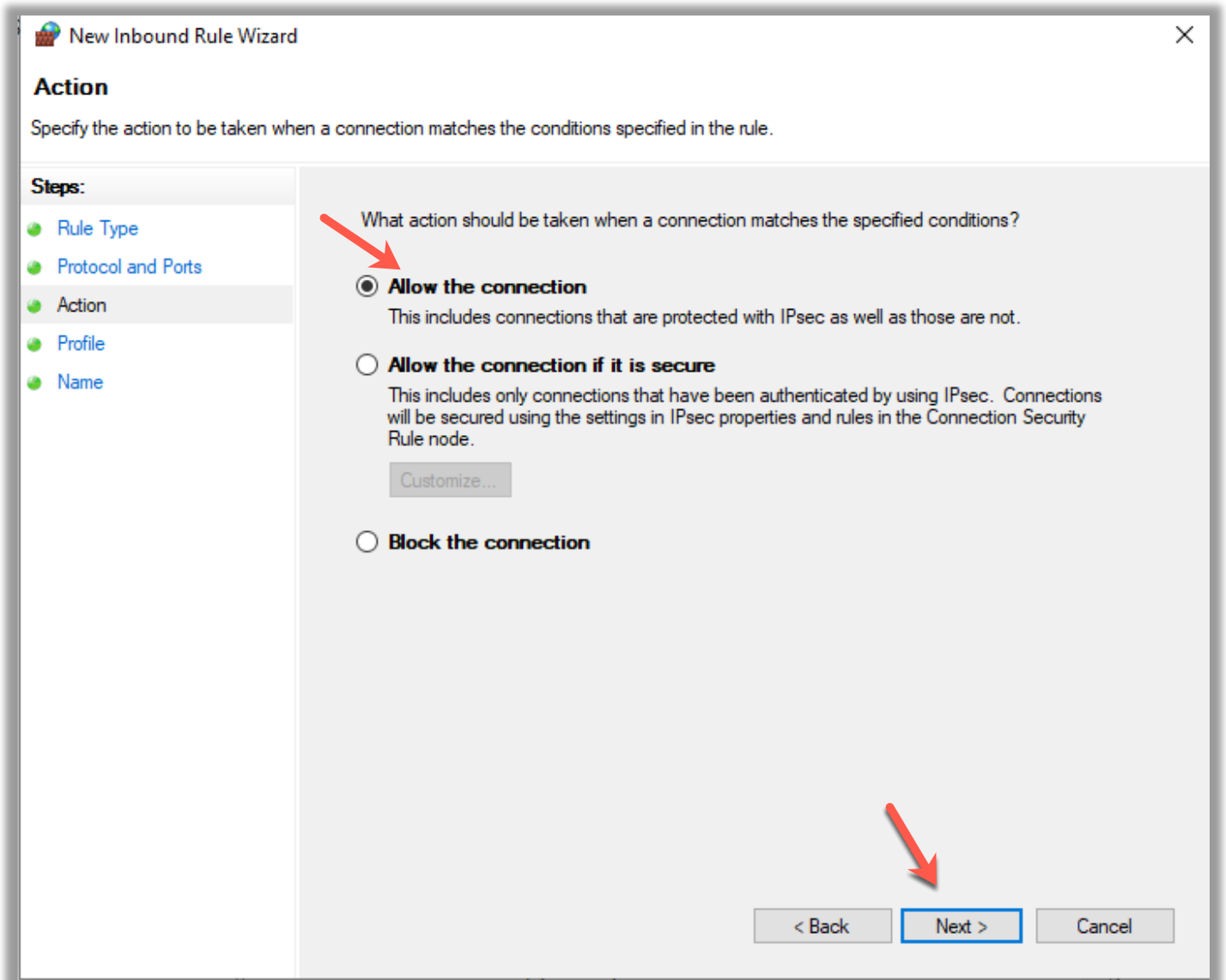   *Program rule – you must create a **Port** rule.*

Set up Protocol and Ports...

8. Select which protocol this rule will apply to **TCP**, Select **Specific local ports**, type port number **80**, and then click **Next**.
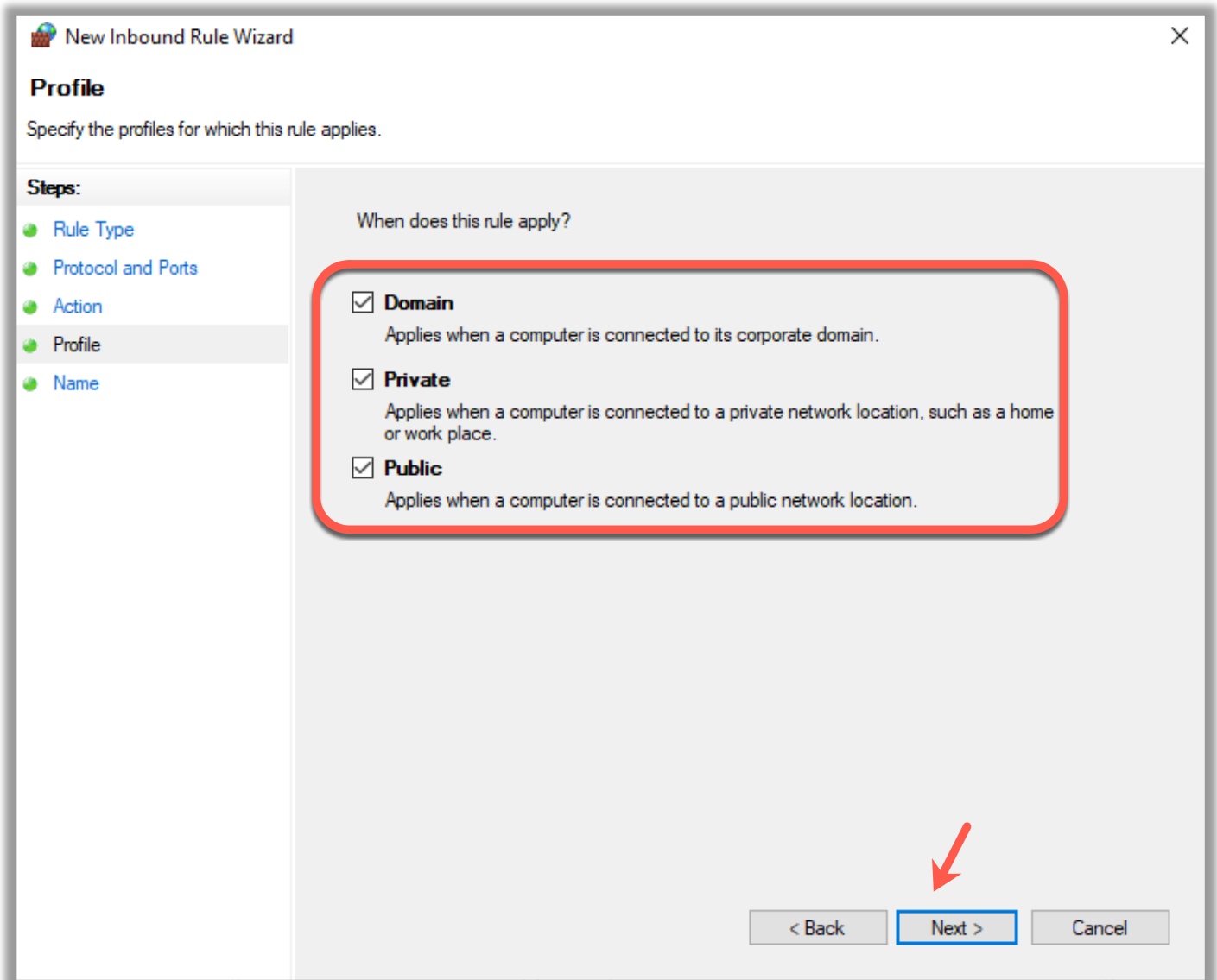
Allow the Connection...

9. Select **Allow the connection** and then click **Next**.

Select when this rule applies...

10. Select when this rule applies (check all so it is always open) and then click **Next**.

Name your rule and Finish...

11. Give this rule a name and then click **Finish** to add the new rule.