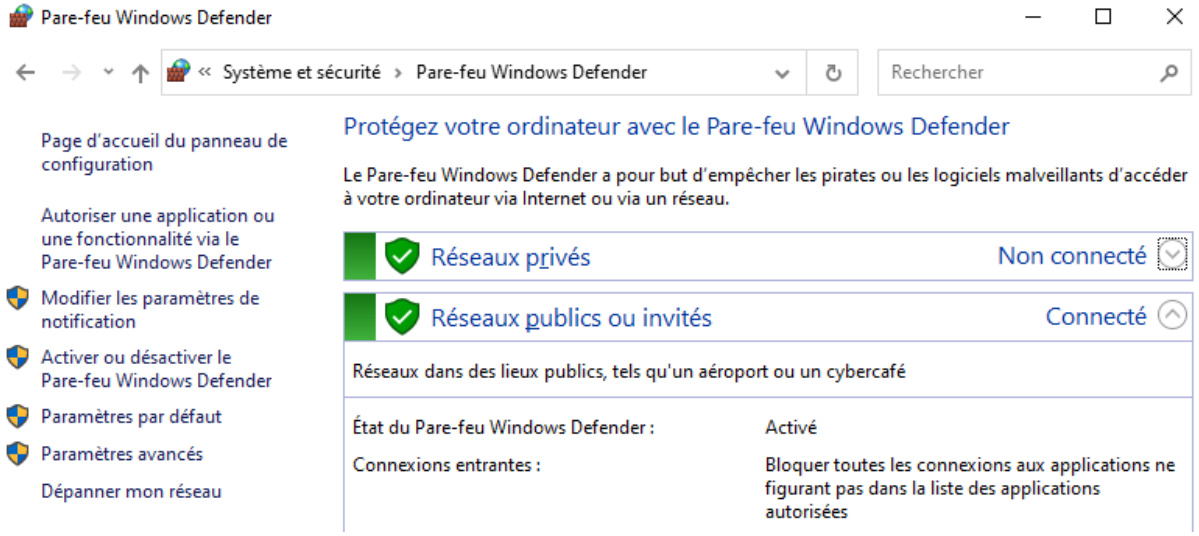
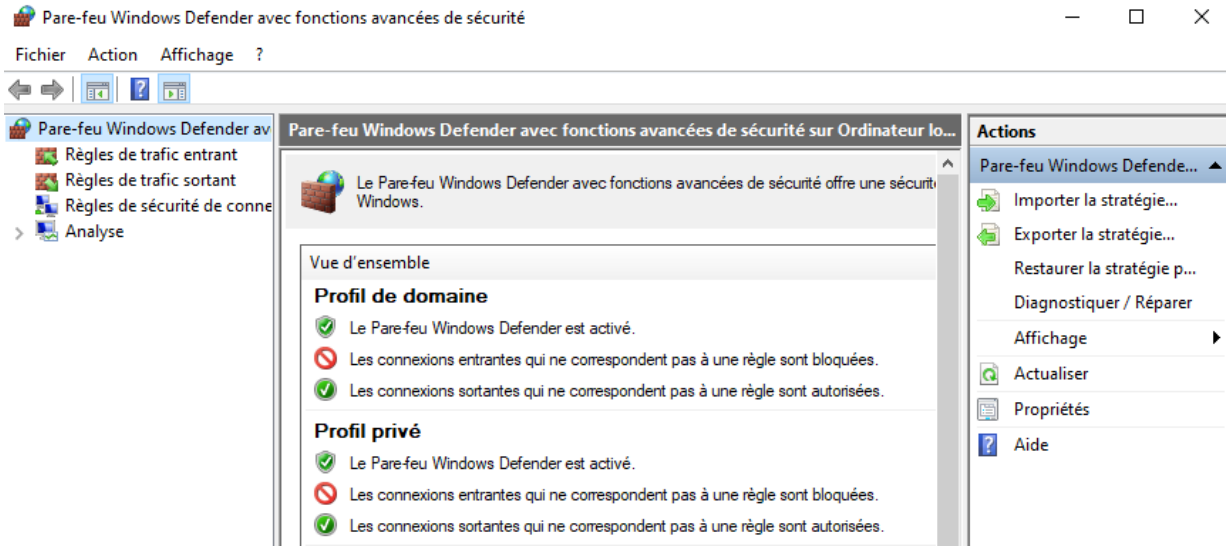
Appendix A: Allowing ICMP Traffic Through a Firewall (Activity 1.5.4)

Part 1: Create a new inbound rule allowing ICMP traffic through the firewall.

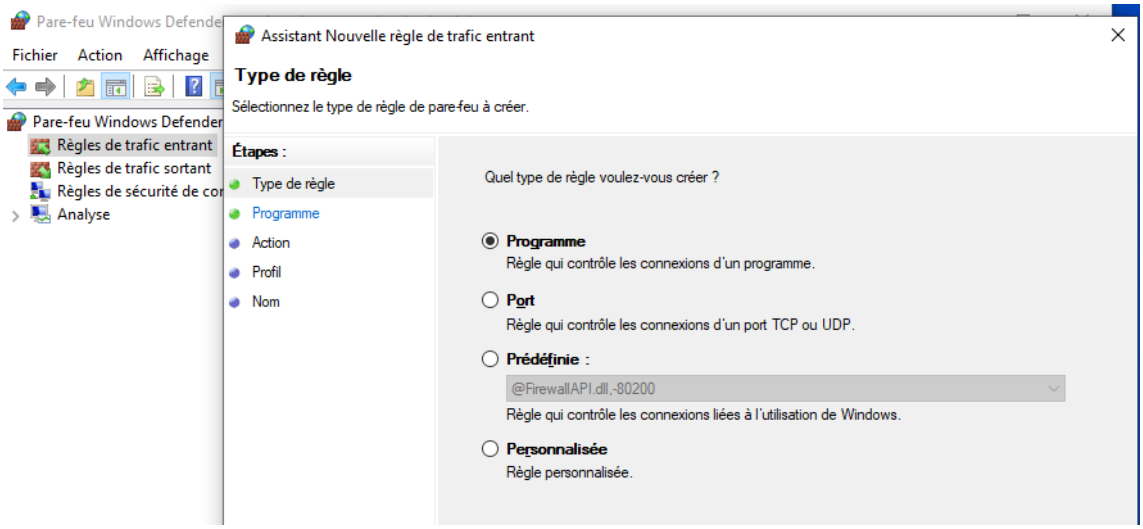
a. Navigate to the **Control Panel** and click the **System and Security**, then **Windows Defender Firewall** or **Windows Firewall** (Pare-feu Windows Defender).



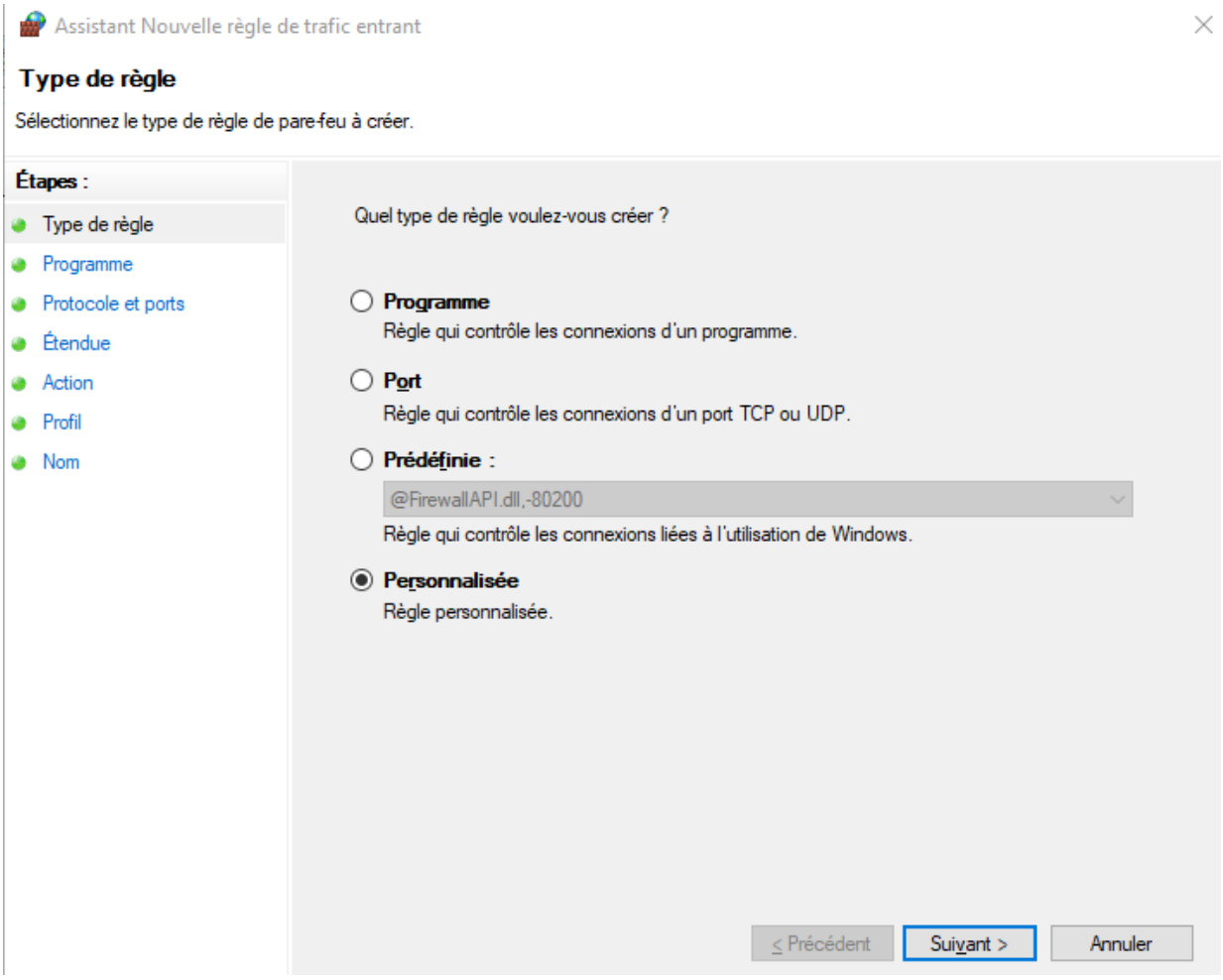
b. Click Advanced settings (Parametres avances), a new window will open:



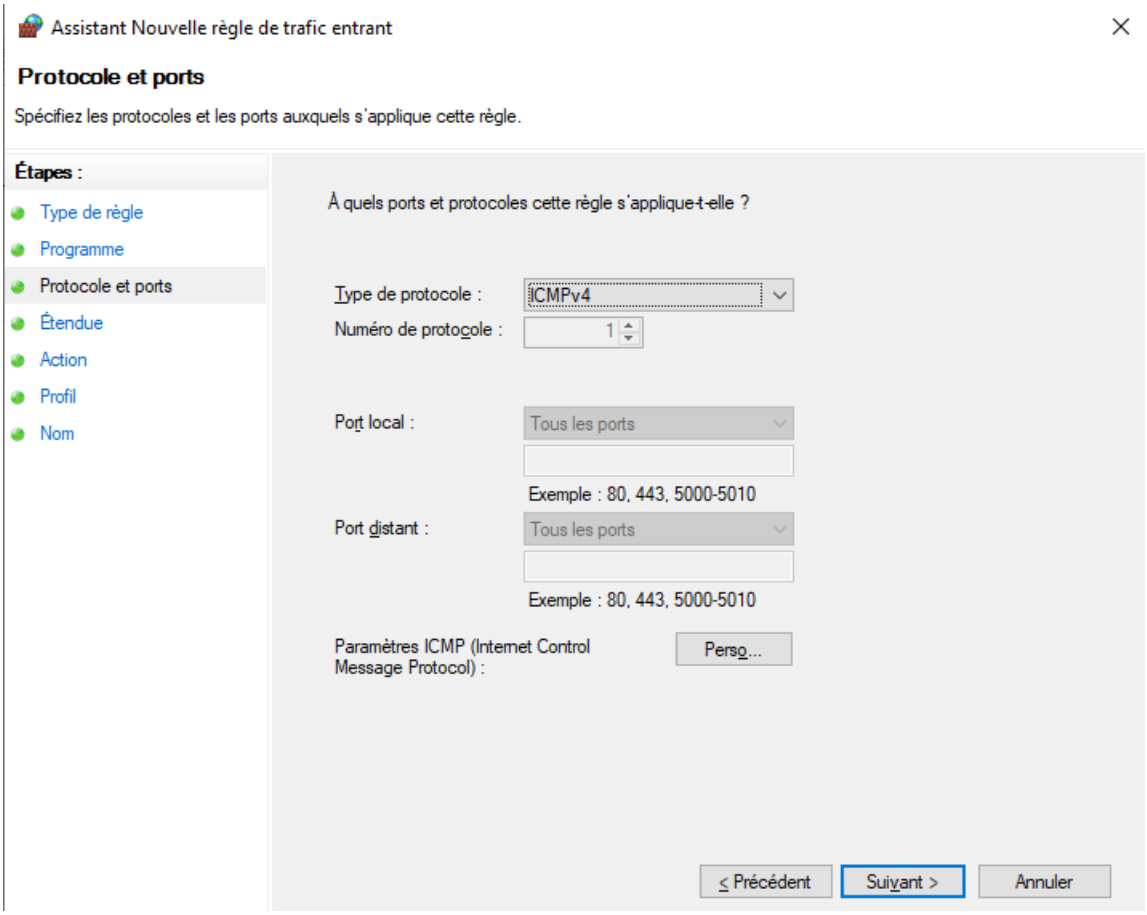
c. Click the **Inbound Rules** (Regles de trafic entrant) option on the left sidebar and then click **New Rule** (Nouvelle Regle)**…** on the right sidebar. This launches the **New Inbound Rule** wizard.



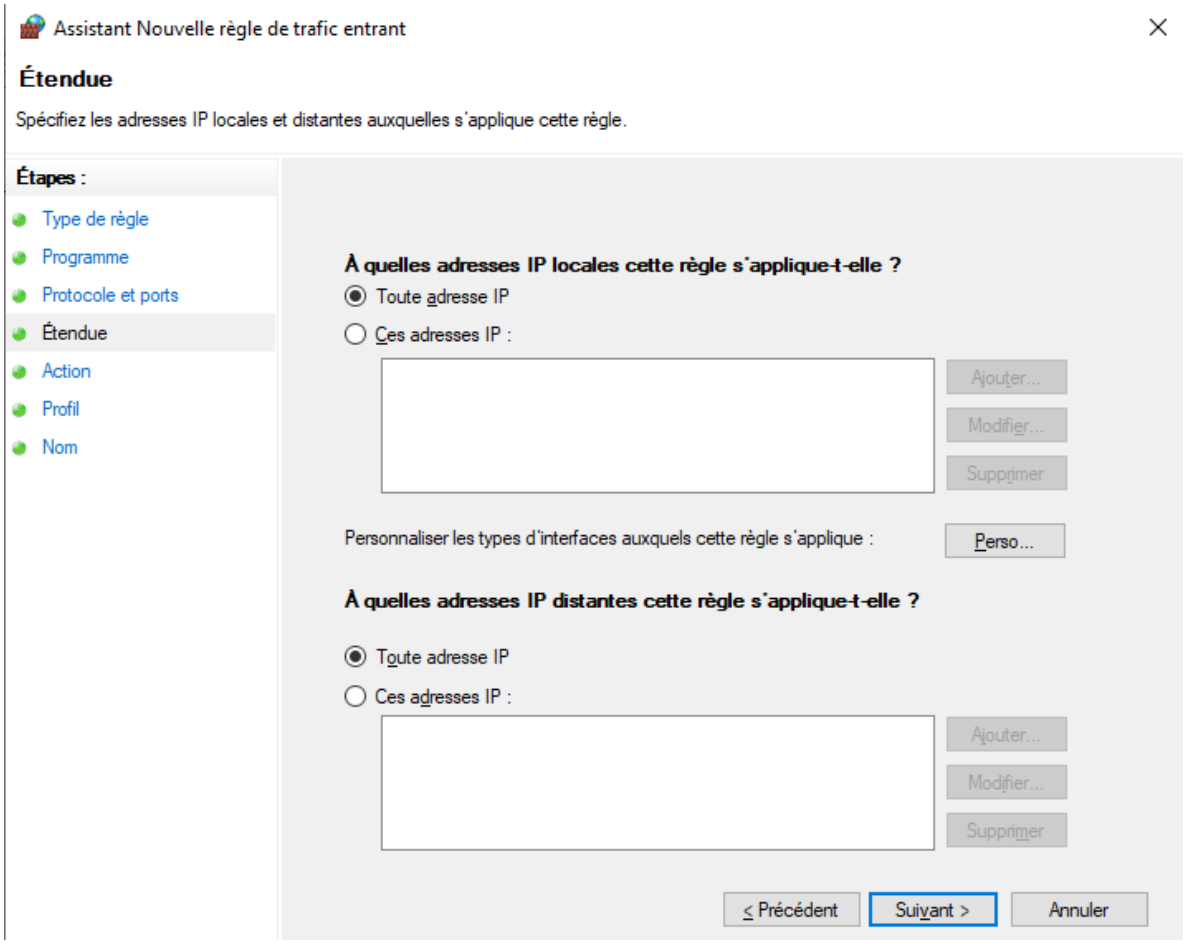
d. On the **Rule Type** screen, click the **Custom** (Personnalisee) radio button and click **Next (Suivant)**.



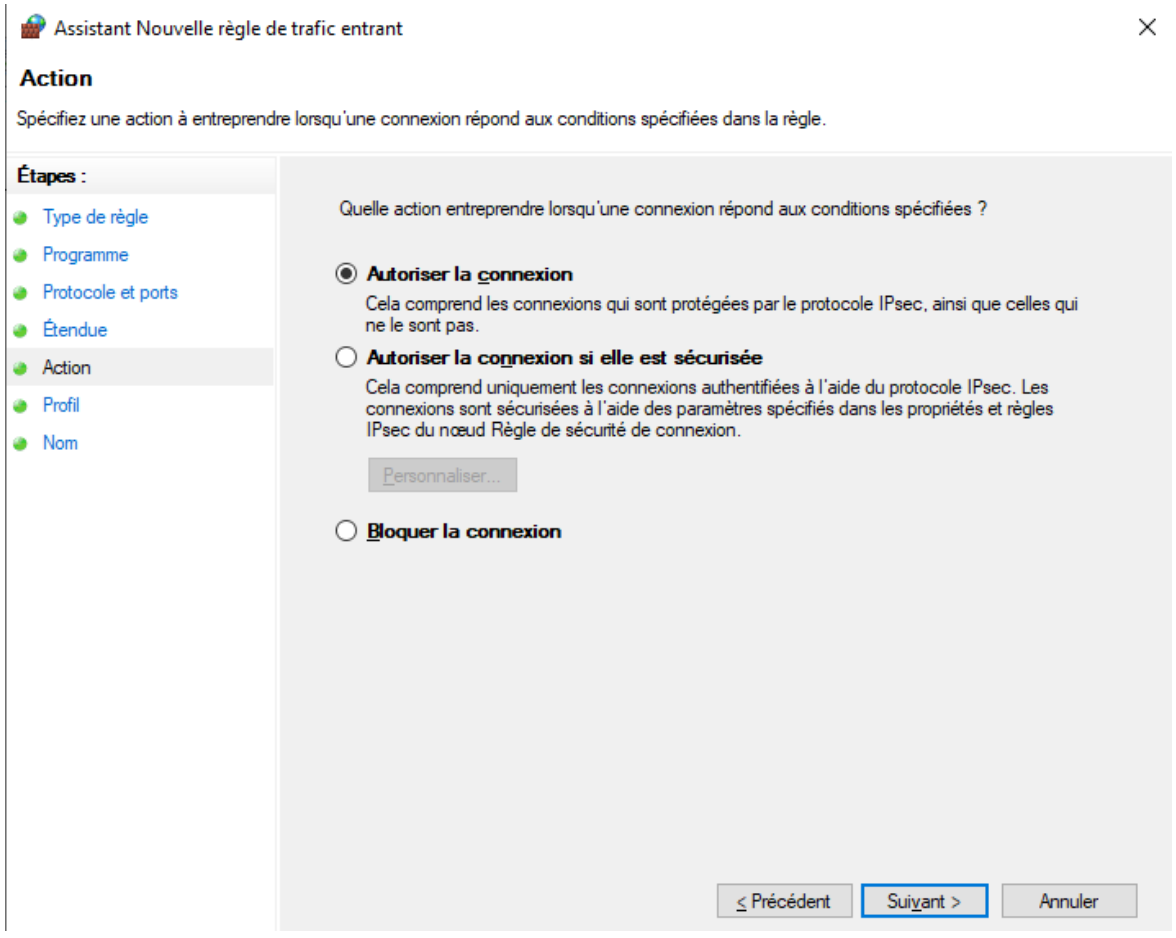
e. In the left pane, click the **Protocol and Ports** (Protocole et ports) option and using the **Protocol Type** (Type de protocole) drop-down menu, select **ICMPv4**, and then click **Next**.



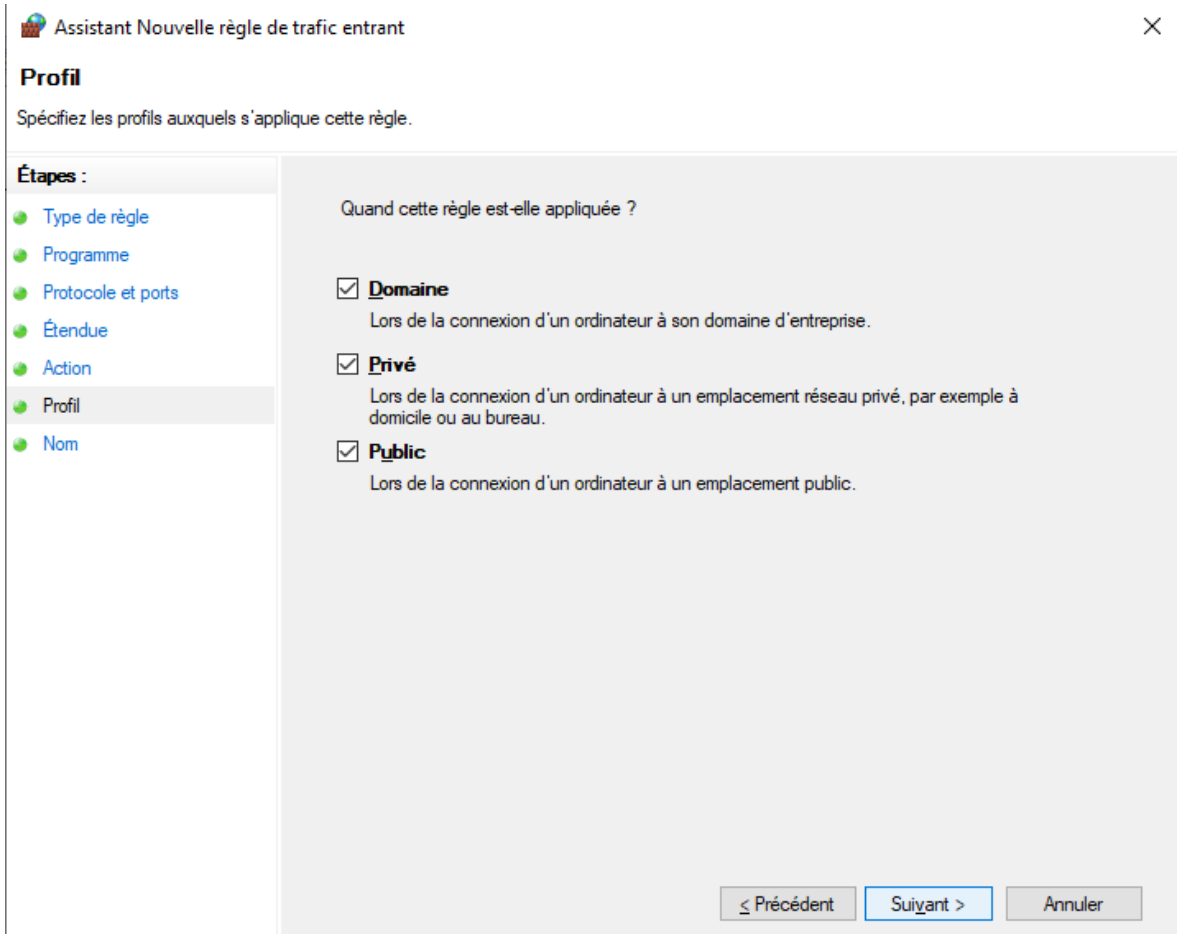
f. Verify that **Any IP address** (Toute addresse IP) for both the local and remote IP addresses are selected. Click **Next** to continue.



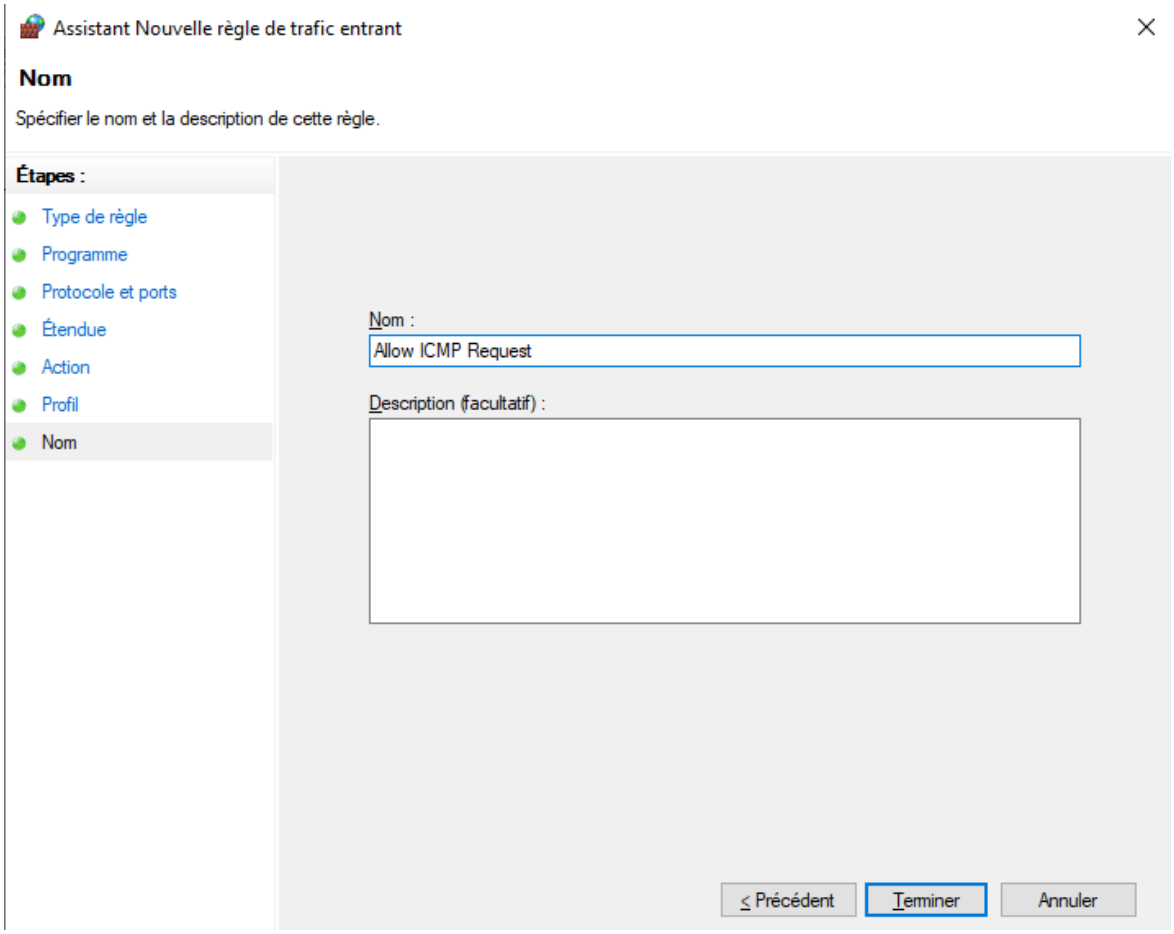
g. Select **Allow the connection** (Autoriser la connection). Click **Next** to continue.



h. By default, this rule applies to all the profiles. Click **Next** to continue.



i. Name the rule with **Allow ICMP Requests**. Click **Finish** (Terminer) to continue. This new rule should allow your team members to receive ping replies from your PC.



Part 2: Disabling or deleting the new ICMP rule.

After the lab is complete, you may want to disable or even delete the new rule you created in Step 1. Using the **Disable Rule** option allows you to enable the rule again at a later date. Deleting the rule permanently deletes it from the list of inbound rules.

a. On the **Advanced Security** window, click **Inbound Rules** in the left pane and then locate the rule you created previously.
b. Right-click the ICMP rule and select **Disable Rule** if so desired. You may also select **Delete** if you want to permanently delete it. If you choose this option, you must re-create the rule again to allow ICMP replies.