

Windows Firewall - Blocking a website

Tutorial for using Windows Firewall to block a specific website (or websites).

Ping a web address to obtain the IP address of the website to block.

Command Prompt (Cortana search for Command Prompt) and ping the URL:

Example: ping blocked.org.uk

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Pinging blocked.org.uk [46.43.9.147] with 32 bytes of data:
Reply from 46.43.9.147: bytes=32 time=21ms TTL=52
Reply from 46.43.9.147: bytes=32 time=21ms TTL=52
Reply from 46.43.9.147: bytes=32 time=21ms TTL=52
Reply from 46.43.9.147: bytes=32 time=20ms TTL=52

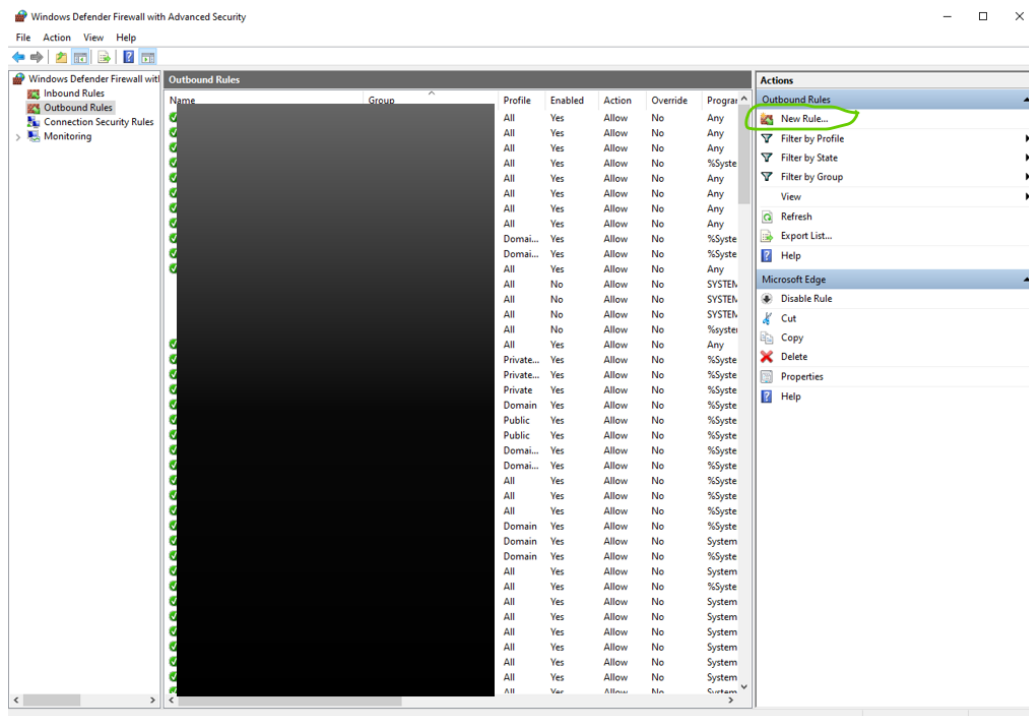
Ping statistics for 46.43.9.147:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 20ms, Maximum = 21ms, Average = 20ms
```

In this instance, I pinged “blocked.org.uk” being IP address 46.43.9.147

Control Panel > Windows Firewall > Advanced Setting

Or, use Cortana search for Windows Firewall with Advanced Setting

Within the Firewall, go to Outbound Rule and in the right hand side, Click ‘New Rule’

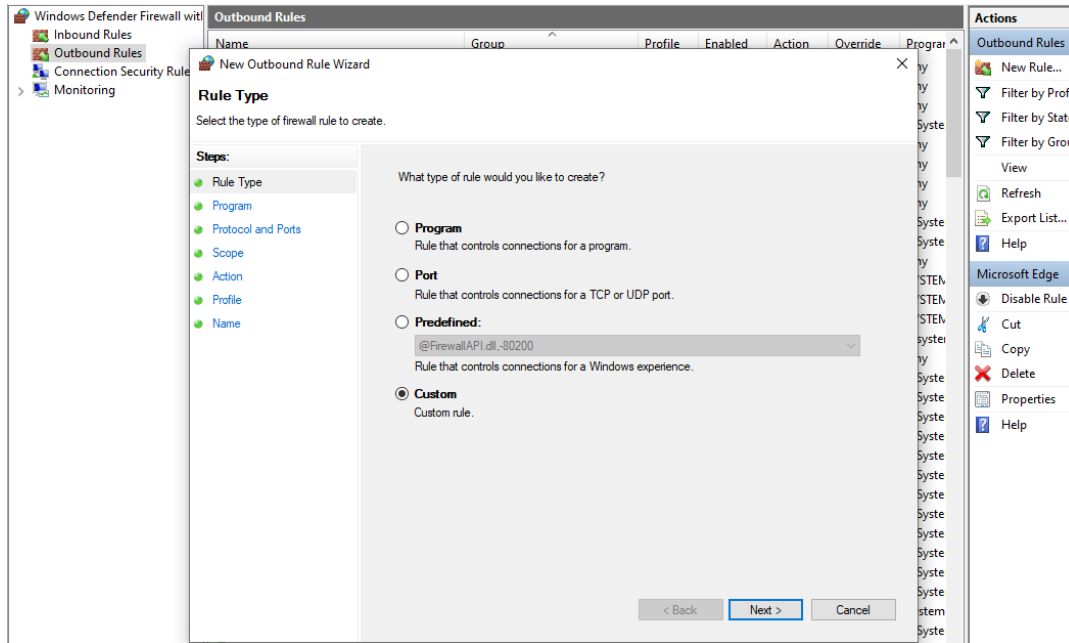


- Within the ‘New Outbound Rule Wizard’ select ‘Custom’ and click ‘Next’

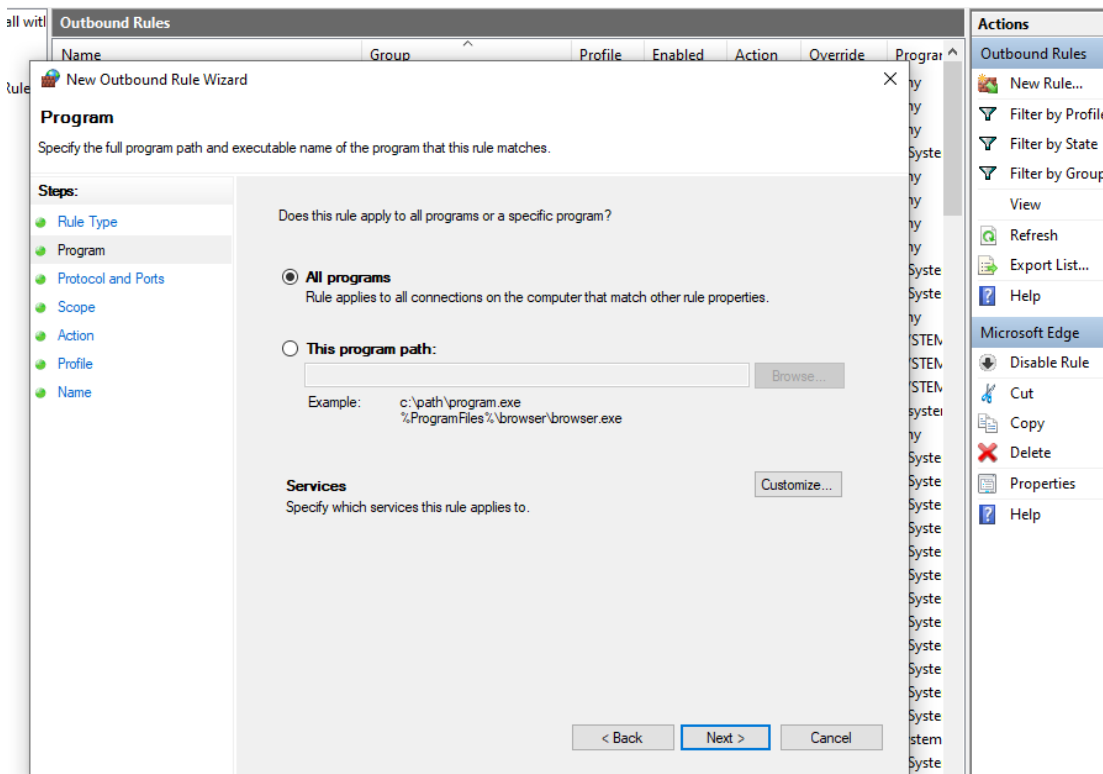
Note: Steps will be shown in the left hand pane, as you click ‘Next’ after each step, the wizard moves to the next step and shows in the left hand pane differently to the others (see next page)

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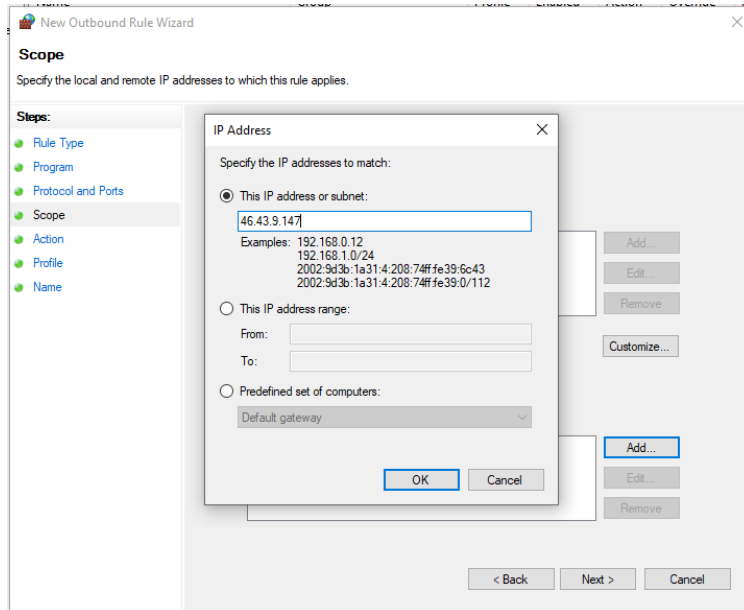


- In the 'Program' screen, select 'All Programs' and click 'Next'



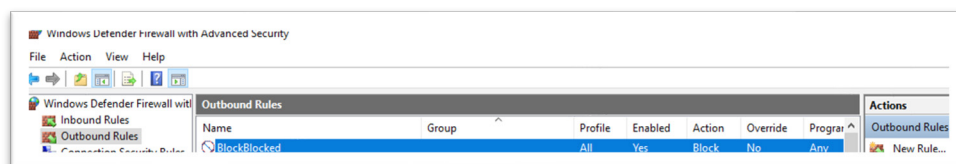
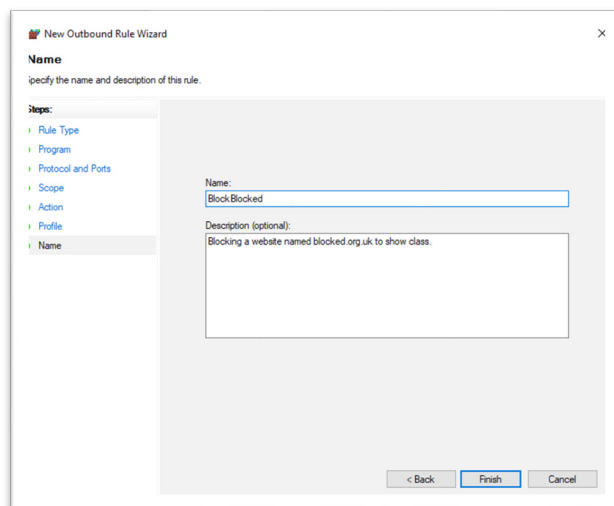
- 'Protocol and Ports' screen: leave the default setting and click 'Next'
- In the 'Scope' screen, under 'Which remote IP address does this rule apply to?', select 'These IP addresses' and click the 'Add' button
- Within the IP Address dialog box, under the 'This IP address or subnet:' enter the IP address of the website, in this instance I will use 46.43.9.147 (see next page)

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Click 'OK' and then click 'Next'

- Action: select 'Block the connection' and click 'Next'
- Profile: leave all 3 check boxes selected and click 'Next'
- Name screen: choose a name for the rule and click 'Finish'



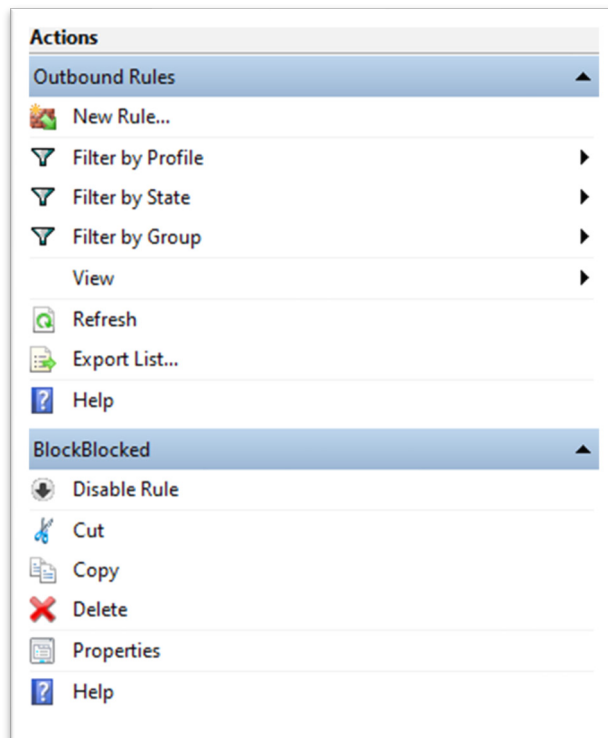
Now test by entering the URL into any web browser and see what happens!

Don't forget, if you want to be able to access the website again, remember to delete the rule...

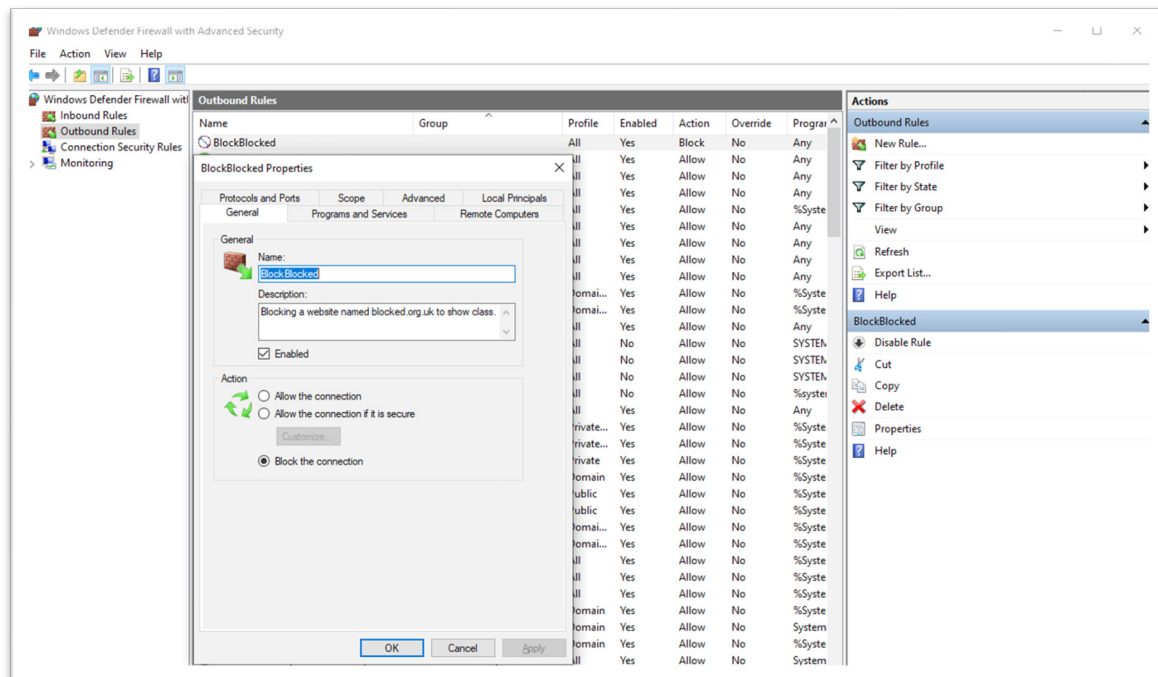
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To disable a rule, copy, delete or work with the properties: notice the name of the rule in the right-hand pane of the window with commands underneath.



'Properties' allows us to allow or block, change the name or description and to enable / disable within the general tab. Other tabs allow other options and information.



End of tutorial – provide screenshots in a Word document showing your workings to your lecturer.

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