How to configure port sets in a Windows profile

Click 'Configuration Templates' > 'Profiles' > click the name of a Windows profile > 'Add Profile Section' > 'Firewall' > 'Portsets'

- A port set is a collection of one or more ports that you can reference in a firewall rule.
- For example, you could create a group called 'Outgoing Mail Ports', which consists of port numbers 25, 465, 587, 2525 and 4065. You can then control traffic to all 5 ports by simply selecting the 'Mail Ports' group in a firewall rule.
- Portsets can be made up of individual port numbers or port ranges.
- This article explains how to configure a custom portset in Endpoint Manager.

Manage portsets

- Login to Xcitium
- Click 'Applications' > 'Endpoint Manager'
- Click 'Configuration Templates' > 'Profiles'
- · Open the Windows profile applied to your target devices
 - $\circ\,$ Open the 'Firewall' tab if it has already been added to the profile

OR

- Click 'Add Profile Section' > 'Firewall' if it hasn't yet been added:
- Click the 'Portsets' tab:

| Field Worke | ers Laptops | | | | |
|--------------------|---------------------------|--------------------|------------|---------------|-------------|
| Add Profile Export | t Profile Clone Profile I | Delete Profile Mai | ke Default | | |
| General Antivirus | s UI Settings F | irewall | | | |
| Firewall | | | | 8 Car | icel 🖺 Save |
| Firewall Settings | Application Rules | Global Rules | Rulesets | Network Zones | Portsets |
| Add | | | | | |
| PORTSET | Å. | | | | |
| HTTP Port | 'S | | | | 1 |
| POP3/SMT | TP Ports | | | | 1 |
| Privileged | Ports | | | | 1 |
| | | | | | |

- Endpoint Manager ships with three default portsets:
 - **HTTP Ports**: 80, 443 and 8080. These are the ports typically used for http traffic. Internet browsers uses these ports to connect to the internet.
 - **POP3/SMTP Ports**: 110, 25, 143, 995, 465 and 587. These ports are typically used to send/receive email. For example, by mail clients like Outlook and Thunderbird.
 - **Privileged Ports**: 0-1023. Privileged ports are so called because it is usually desirable to prevent users from running services on these ports. Network admins usually reserve or prohibit the use of these ports.
- Click 'Add' to create a custom portset

| Firewall | | | | 😣 Car | ncel 💾 Save |
|---------------------|-------------------|--------------|----------|---------------|-------------|
| Firewall Settings | Application Rules | Global Rules | Rulesets | Network Zones | Portsets |
| Add | | | | | |
| PORTSET | ÷ | | | | |
| V Portset | | | | | |
| Name | | | | | |
| My Portset | | | | | |
| Add | | | | | |
| | | PORTS | | | |
| | | | | | |
| | | | | | DK Cancel |

- ?**Name** Enter a label for the custom portset. Once saved, the portset name will become available for selection in the firewall rule interfaces.
- Click 'Add' to specify the ports you want to include in the set:

| Portset | |
|-------------------------------------|-----------|
| Name My Portset Add PORTS | |
| Port | |
| Exclude (i.e. NOT the choice below) | |
| Any | |
| ○ A single port 1 | |
| ○ A port range 1 | 35 🗢 |
| | |
| | OK Cancel |

- Select your ports then click 'OK'. Repeat the process to add more ports to the set.
 - Any Include all port numbers (1 65535)
 - $\circ~$ A single port Enter the required port number in the box
 - $\circ~$ A port range Enter the start and end port numbers in the respective boxes
 - $\circ~$ **Exclude** (i.e. NOT the choice below): Removes the port numbers you select from the port set.

You can use this to create exceptions within a port set. For example, say you wanted the set to address ports 1 - 200, but not port 50. First, click 'Add', specify a port-range of 1 - 200, then click 'OK'. Next, click 'Add' again, enable 'Exclude, specify port 50, click 'OK'. Your set would look like this:

| Portset | |
|--------------|---|
| Name | |
| My Portset | |
| Add | |
| PORTS | |
| In [1 - 200] | 1 |
| Not 50 | 1 |
| | |
| | |

- Click 'OK' in the 'Port' dialog. The ports will be added to the new portset in the 'Portset' interface.
- Click 'OK' in the 'Portset' dialog to add the set to the profile.

The portsets will be available for selection when you choose 'A set of ports' as source / destination port while creating or editing a firewall rule, to impose access restriction to the ports, on the devices applied with this profile.

- See How to configure internet access rights for applications via Endpoint Manager if you need details on constructing firewall rulesets for applications / file groups
- See How to create a custom firewall rule set in a Windows profile if you need details on creating firewall rules for a custom ruleset.
- See How to add global rules to firewall in a Windows profile for help to create global rules.
- Click the pencil icon beside a portset to edit its details.

Further Reading:

How to configure general firewall settings in a Windows profile How to configure internet access rights for applications via Endpoint Manager How to add global rules to firewall in a Windows profile How to create a custom firewall rule set in a Windows profile How to configure network zones in a Windows profile