

SNMP activation on a WatchGuard firewall

This tutorial has been made available to the entire Esia community thanks to the contribution of our partner Premium Computer. Many thanks to them.



Their website: <https://www.premium-computer.fr/>

Via the WEB interface

Once you have logged in, you will be taken to the firewall dashboard as shown in the image below.

The screenshot shows the WatchGuard Firewall Web UI dashboard. On the left is a navigation menu with categories like 'TABLEAU DE BORD', 'ÉTAT DU SYSTÈME', 'RÉSEAU', 'PARE-FEU', 'SERVICES D'ABONNEMENT', 'AUTHENTIFICATION', 'RÉSEAU PRIVÉ VPN (VIRTUAL PRIVATE NETWORK)', and 'SYSTÈME'. The main content area is titled 'Panneau avant' and contains four data tables:

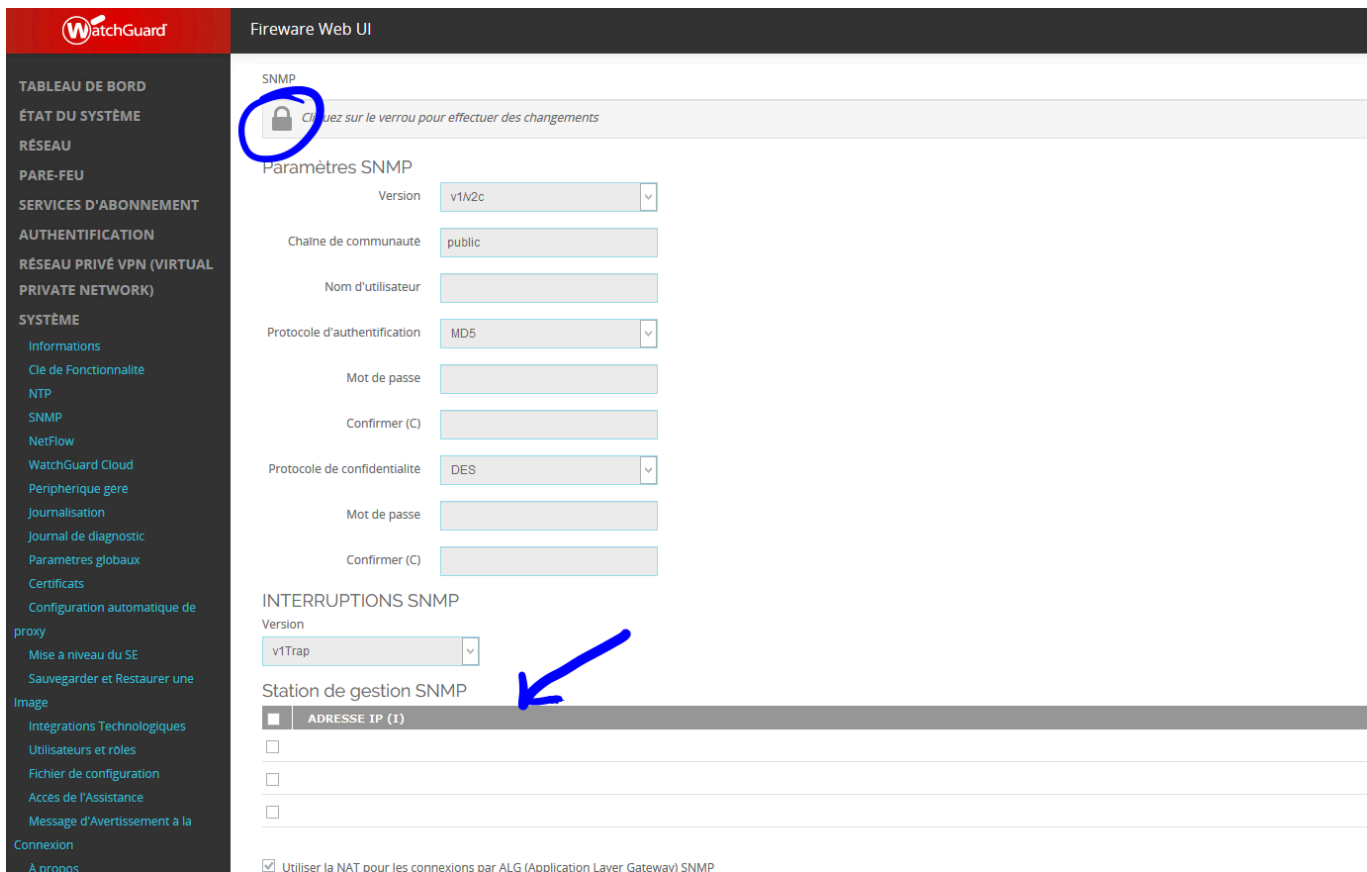
| NOM | DÉBIT ↓ | OCTETS | VISITES |
|-----|----------|--------------|---------|
| | 192 Mbps | 4,364 MB | 53 |
| | 76 Mbps | 1,664 MB | 81 |
| | 14 Mbps | 1,272 MB | 41 |
| | 14 Mbps | 702 MB | 52 |
| | 9 Mbps | 216 MB | 2 |
| | 9 Mbps | 115,017 MB | 33 |
| | 8 Mbps | 4,110 MB | 57 |
| | 8 Mbps | 1,413,487 MB | 1 |
| | 6 Mbps | 113 MB | 9 |
| | 3 Mbps | 5 MB | 5 |

| NOM | DÉBIT ↓ |
|---------------|---------|
| 10.0.0.8 | 267 MB |
| | 35 Mbps |
| 10.0.0.21 | 18 Mbps |
| 172.21.0.195 | 14 Mbps |
| 10.0.0.42 | 8 Mbps |
| 10.0.0.9 | 3 Mbps |
| 192.168.81.52 | 2 Mbps |
| 10.0.3.10 | 1 Mbps |
| | 895 kb |
| | 632 kb |

| NOM | DÉBIT ↓ | OCTETS | VISITES |
|----------------------------|----------|--------|---------|
| Youtube | 1 Mbps | 15 MB | 10 |
| Amazon CloudFront | 227 kbps | 5 MB | 9 |
| HTTP Protocol over TLS SSL | 64 kbps | 21 MB | 93 |
| Microsoft.com | 22 kbps | 3 MB | 29 |
| Microsoft Teams | 14 kbps | 3 MB | 22 |
| Microsoft Windows Update | 8 kbps | 56 kb | 9 |

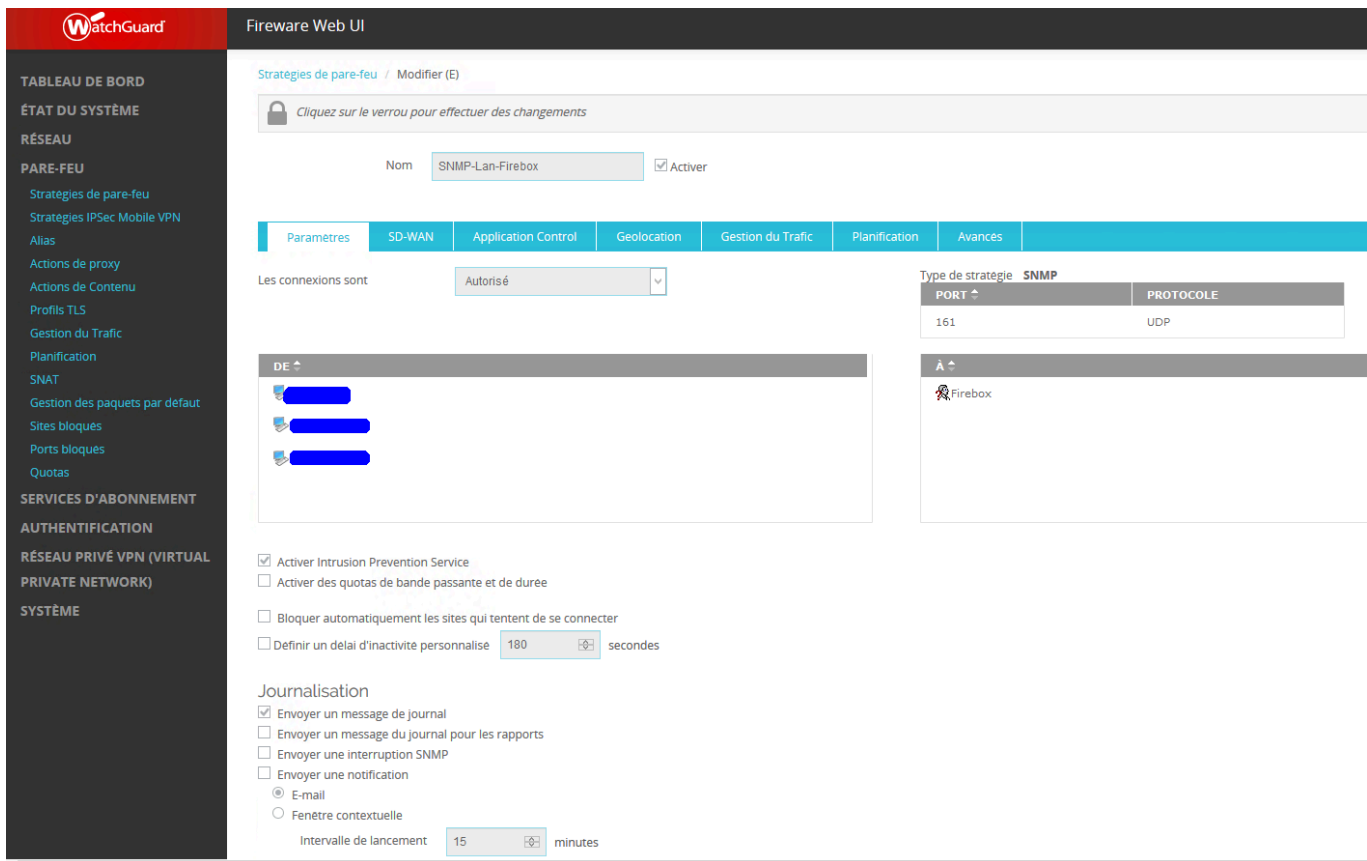
| NOM | DÉBIT ↓ |
|-------------|---------|
| | 267 MB |
| | 31 Mbps |
| Camera1-int | 18 Mbps |
| | 15 Mbps |
| | 8 Mbps |
| | 3 Mbps |

Click on "System" and then on "SNMP" to go to the SNMP configuration page. As shown below:



Click on “Padlock” at the top left to unlock the configuration page and then enter the information you need (community, SNMP version (if v3 authentication), etc.).

If you are using TRAP, you must also enter the addresses of authorised servers. Once this function has been validated, a NAT rule will be created:



In the DE field: enter the IP addresses of the monitoring server(s)

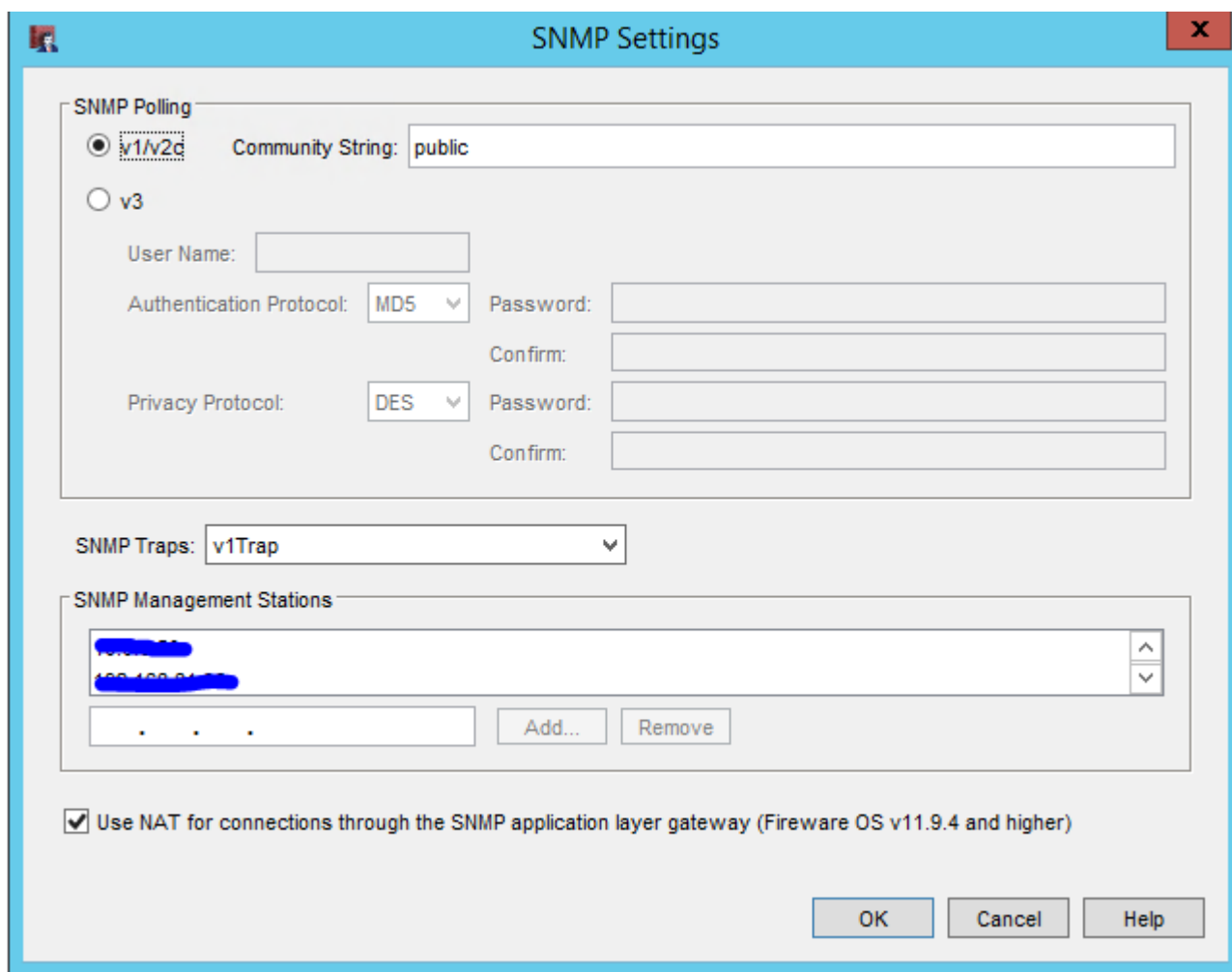
Save the configuration.

SNMP is now activated on your WatchGuard firewall.

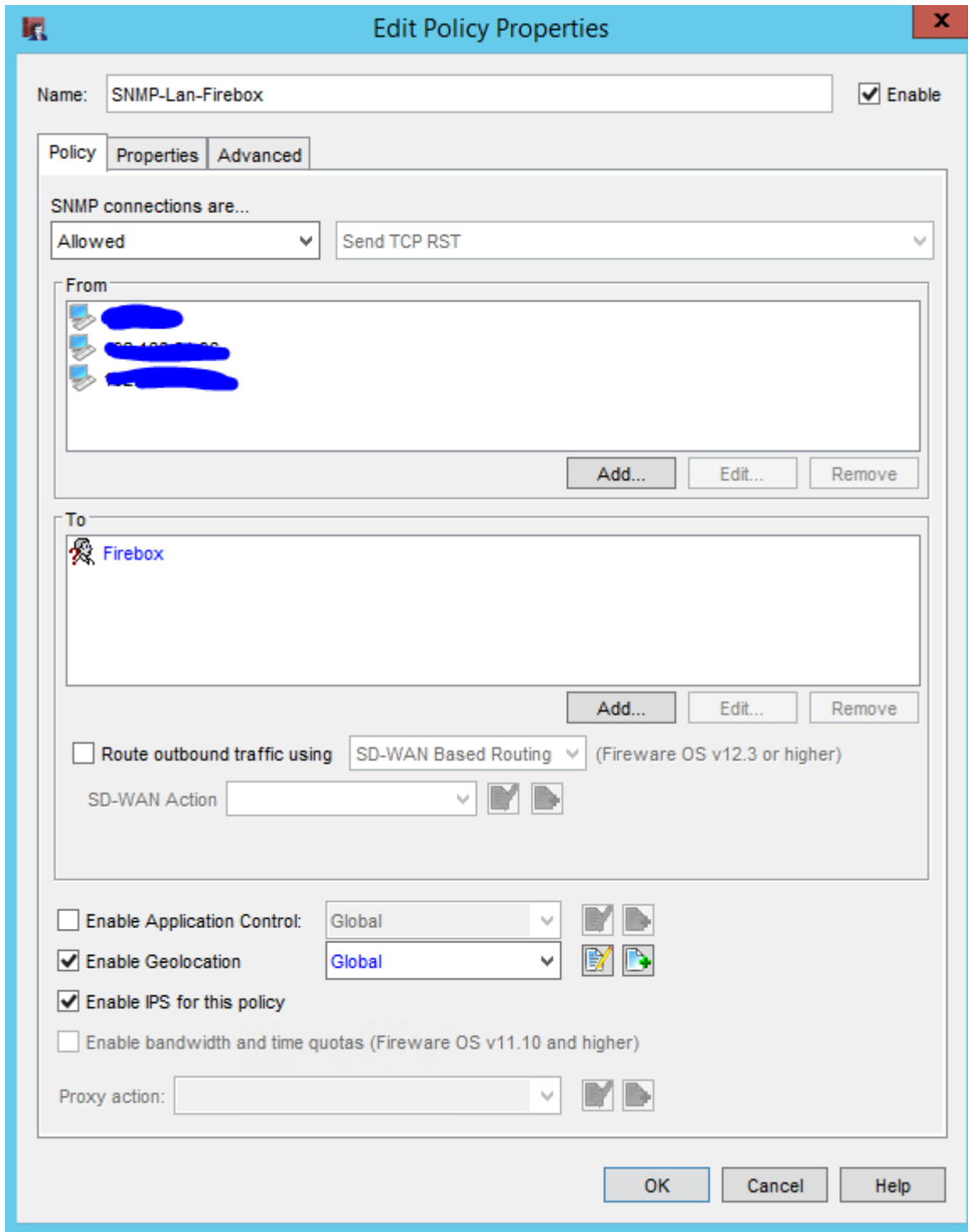
Via the thick client interface

Once you have opened the Policy Manager, click on Setup and SNMP

Then configure the component with your information:



Once validated, modify the SNMP rule created by the firewall by specifying the addresses of the monitoring server(s)



Click on OK.

SNMP is now enabled

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