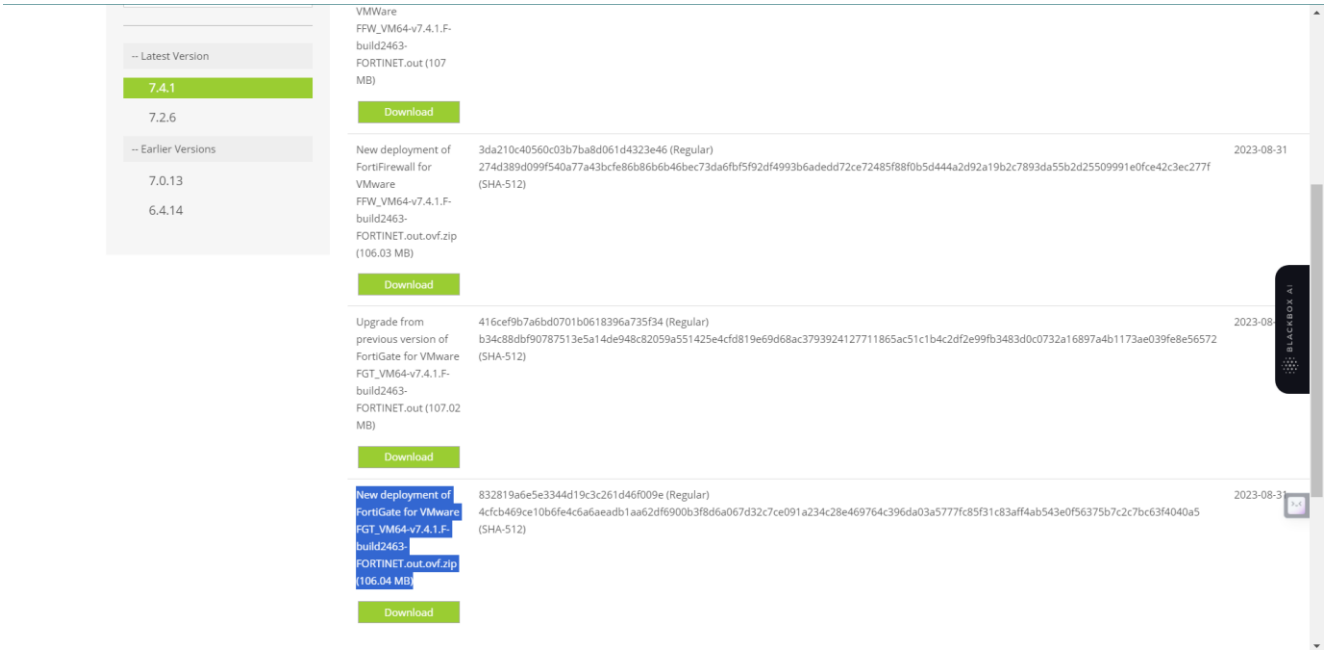
**FORTIGATE FIREWALL SETUP AND IMPLEMENTATION**

## Step 1

Download the new deployment for fortigate from https://support.fortinet.com/Download/VMImages.aspx

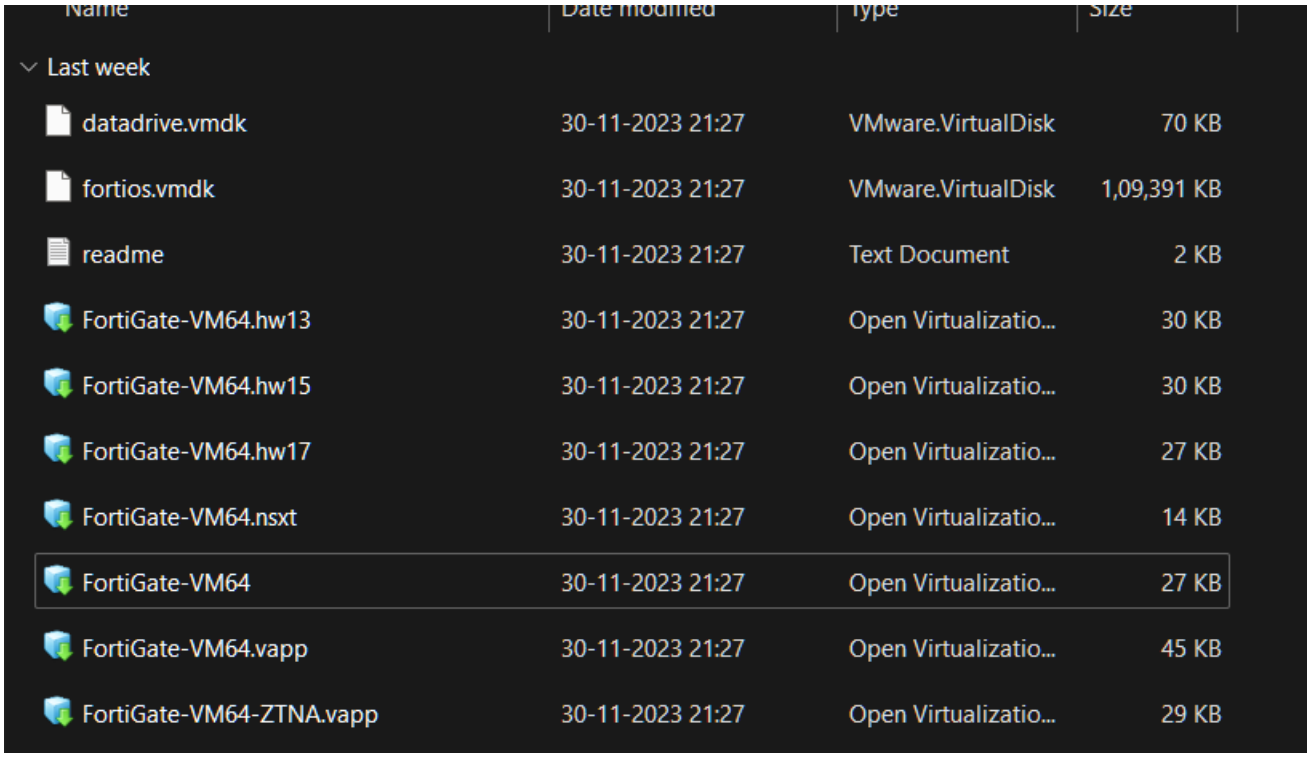
After all the required registrations you will be able to download.




## Step 2

Open VMware workstation and open a new virtual machine.

Select Fortigate-VM64 and agree to all the conditions

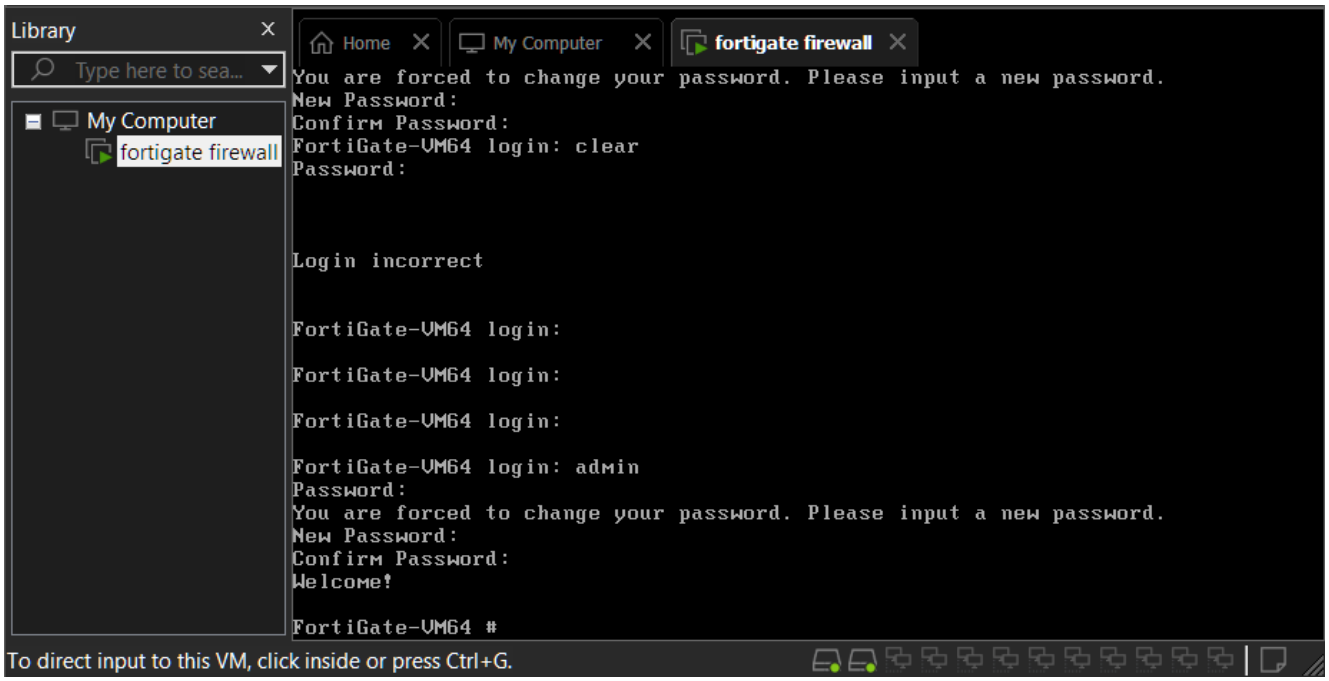


**Step 3**

Customize the bridged adapters as you like and make sure to turn off the connect at power on on all the adapters.

**Step4**

You will be probed to create a new password




**Step 5**

Type in the following commands

Config system ntp

Set ntpsync disable

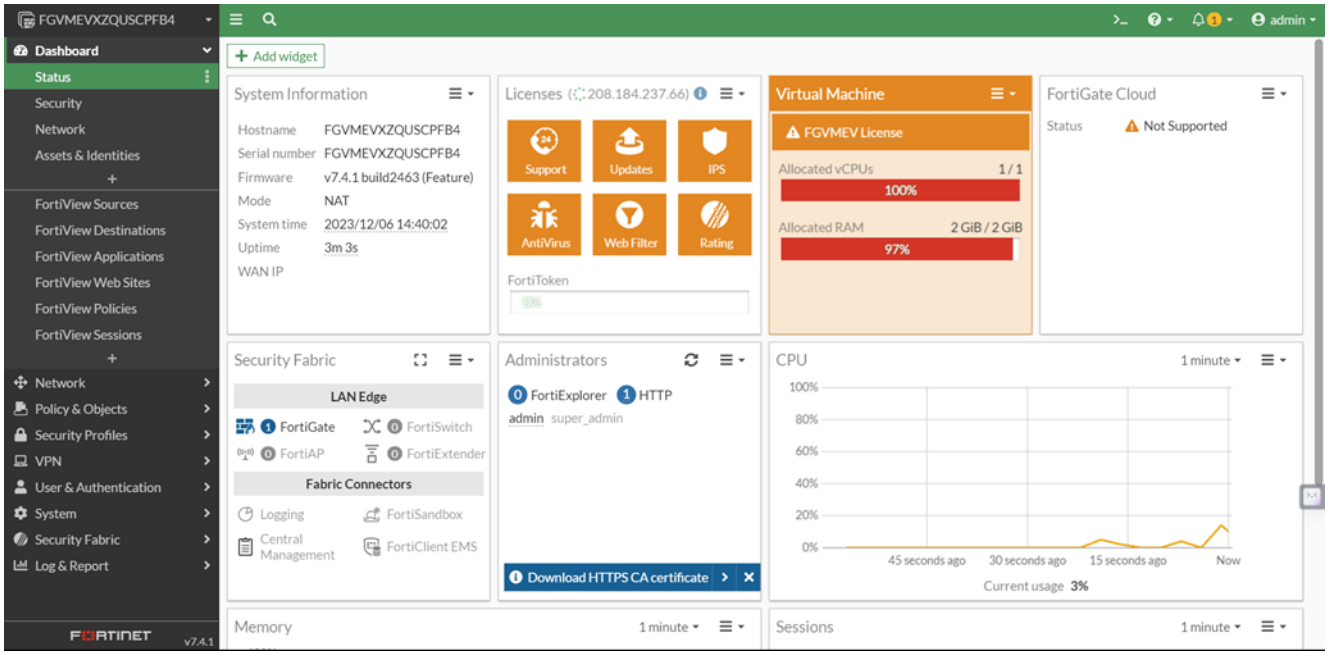
Set type custom

End

**Step 6**

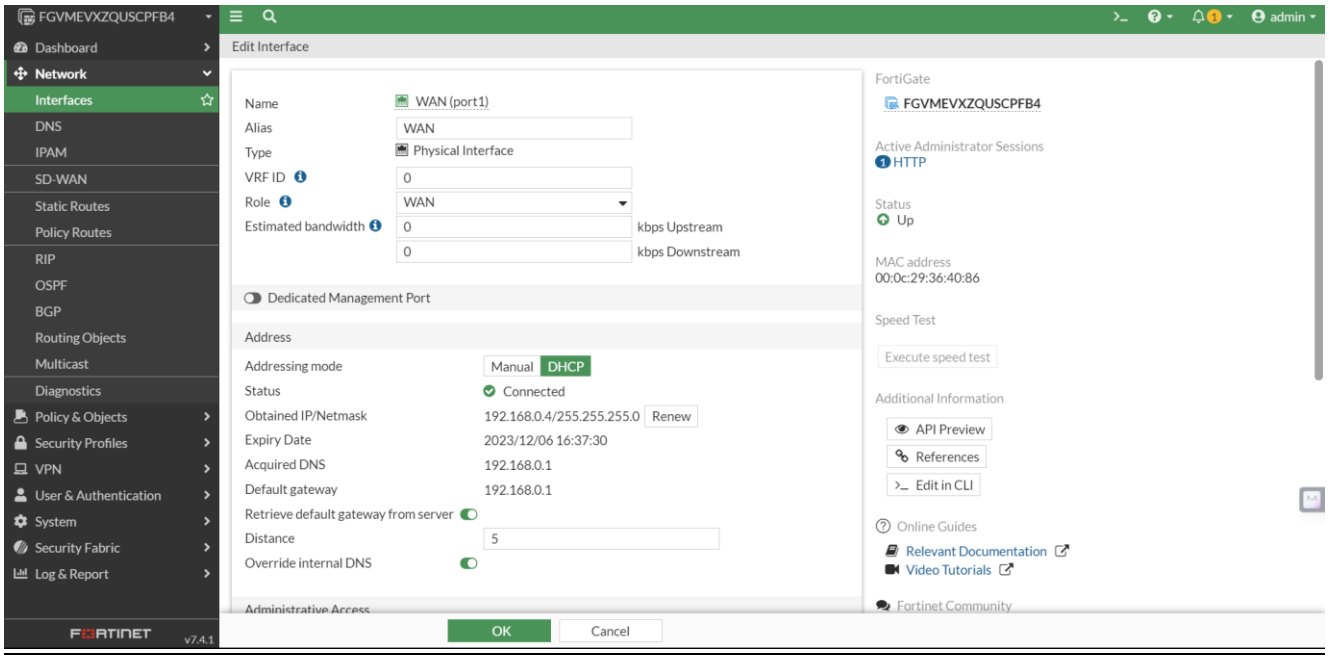
Configure port 1 and 2 to allow all the kinds of accessed you might require. Set access mode as dhcp to obtain an ip address manually.

Now using a browser login to that ip address you will get a dashboard like this.



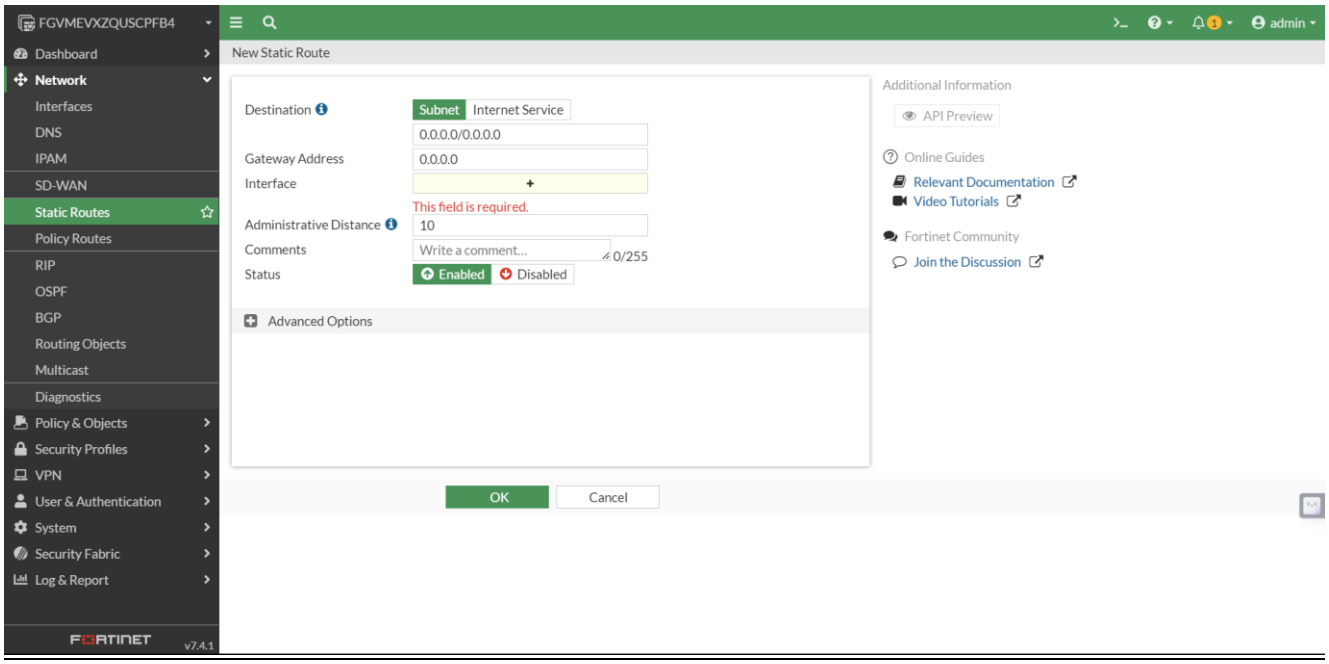

## Step7

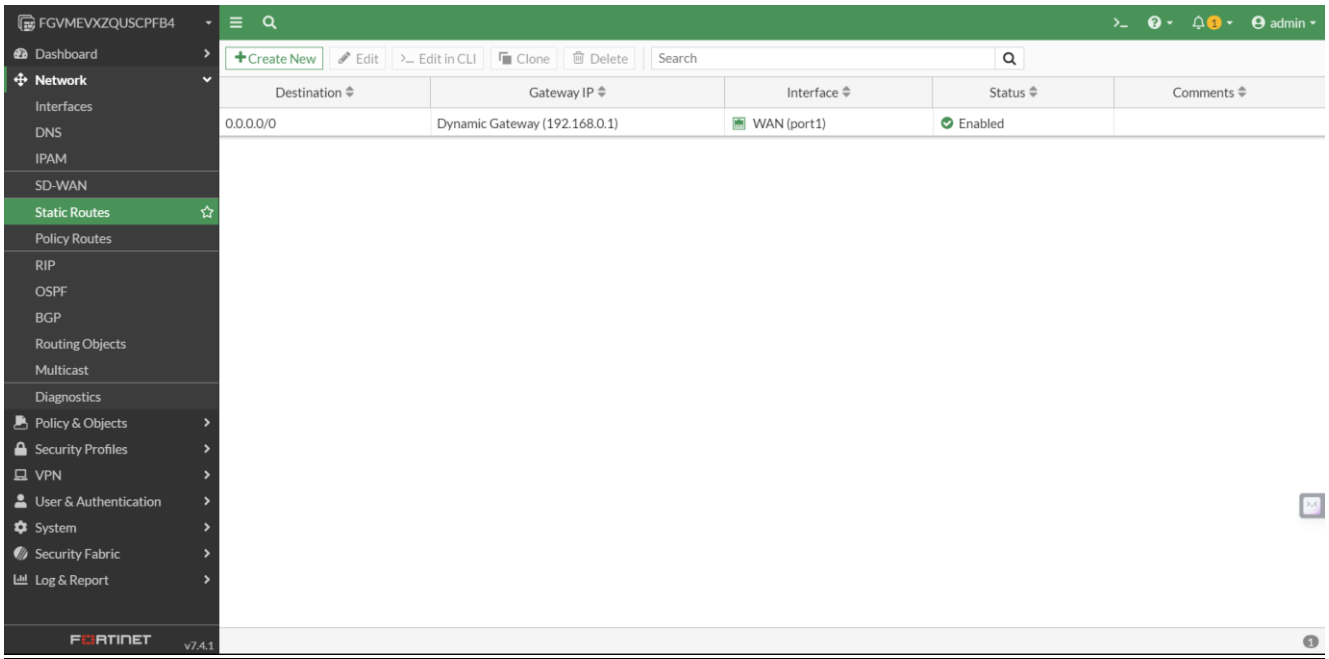
Open your wan interface



## Step 8

For example, we can try setting up a static route. So go into the static route tab



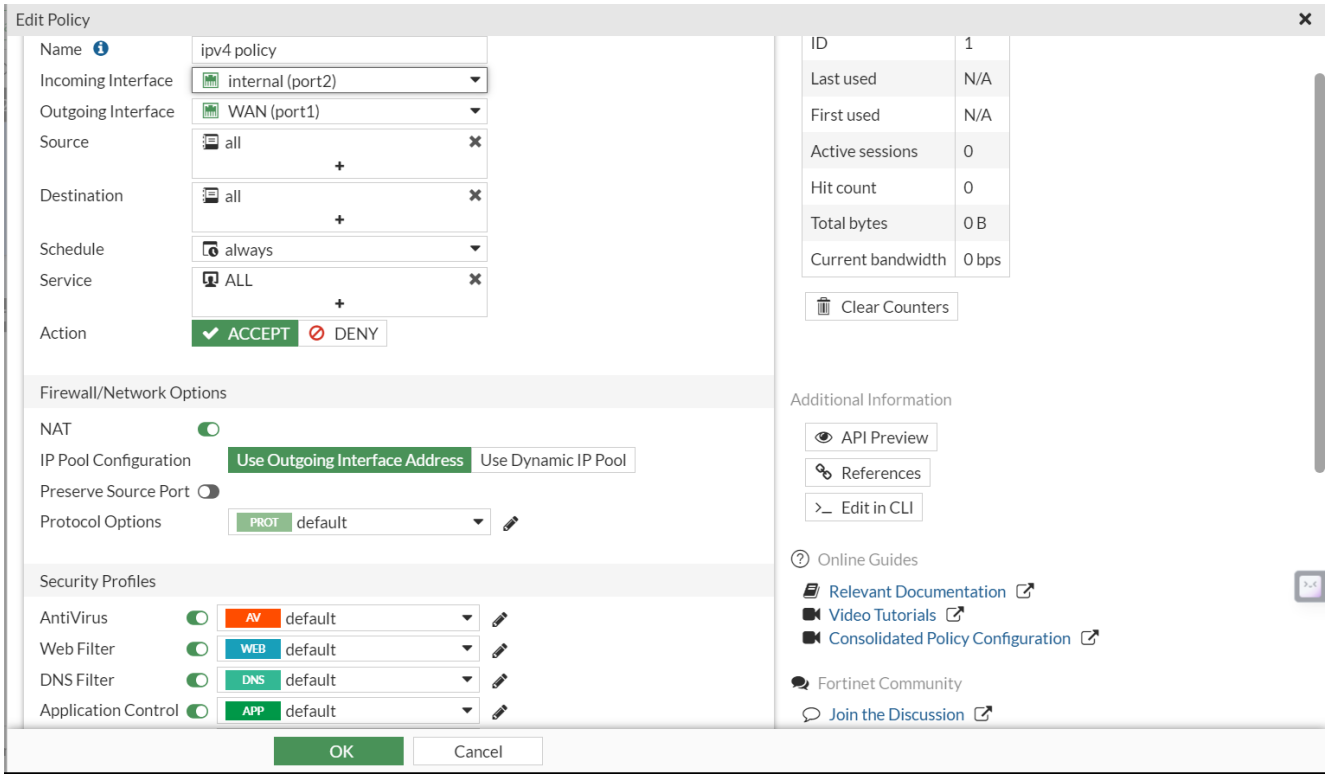



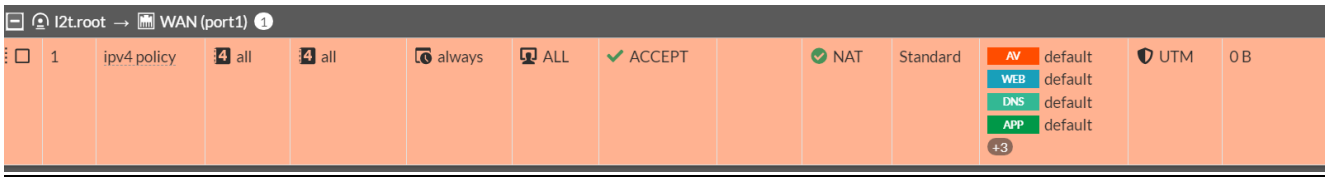
## Step 9

We can try setting up an access control

So go into the firewall policy tab.

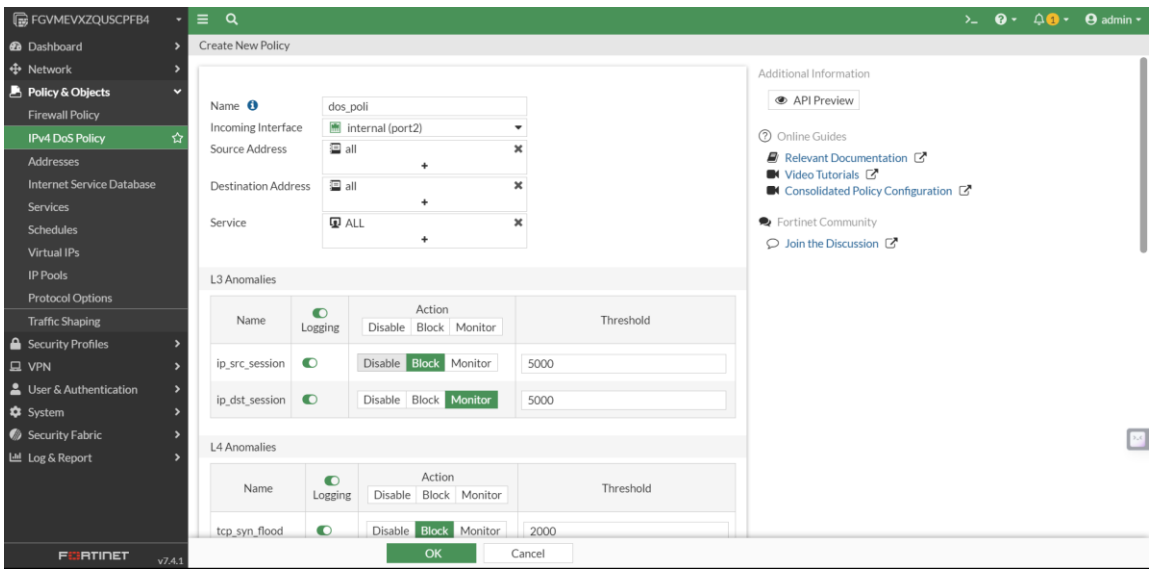
Setup a new policy like this

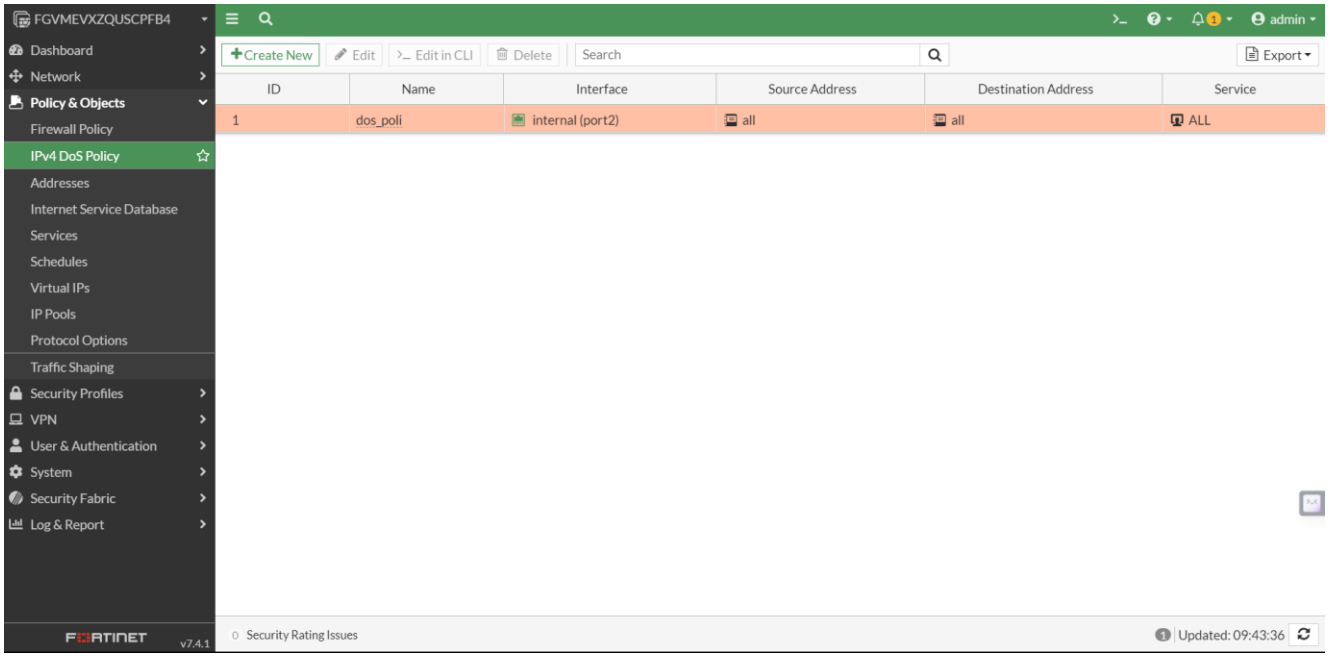



## Step 10

Setup an ipv4 dos policy like this




FGVMEVXZQUSCPFB4
admin
Dashboard
Network
Policy & Objects
Firewall Policy
IPv4 DoS Policy
Addresses
Internet Service Database
Services
Schedules
Virtual IPs
IP Pools
Protocol Options
Traffic Shaping
Security Profiles
VPN
User & Authentication
System
Security Fabric
Log & Report
Create New
Edit
Edit in CLI
Delete
Search
Export
ID
Name
Interface
Source Address
Destination Address
Service
1
dos_poli
internal (port2)
all
all
ALL
FORTINET
v7.4.1
0 Security Rating Issues
Updated: 09:43:36