

Installing UserGate Web Filter

System requirements

UserGate Web Filter works on Ubuntu Server 12.04 amd64.

The minimum hardware requirements depend on the number of end users.

	Minimum requirements
<100 users	Intel® Atom™ D2500 1.86GHz, 4 Gb RAM, HDD 500Gb
100–500 users	Intel® Pentium Dual-Core G620 2.60GHz, 8 Gb RAM, HDD 500 Gb
500–1000 users	Intel® Core i5 - Core i7 3550 3.30GHz, 16 Gb, HDD 1Tb
>1000 users	Consult with developer

Add more memory if you plan to use HTTP RAM cache.

Important: Computers on which UserGate Web Filter is installed must have HTTP and HTTPS access to the Internet.

Installation process

The UserGate Web Filter service requires access to the following ports:

- 4040 TCP – built-in web server (XML-RPC server)
- 8001 TCP – blocking page
- 1344 TCP – ICAP server
- 10053 UDP – DNS resolver
- 53 UDP – DNS resolver
- 53 TCP – DNS resolver
- 8090 – HTTP proxy, HTTPS proxy, HTTP transparent proxy
- 8091 – HTTPS transparent proxy
- 4004 – HTTP block page redirect
- 4005 – HTTPS block page redirect

Before installing UserGate Web Filter, make sure that these ports are not used by

other services.

To install UserGate Web Filter to **Ubuntu server 14.04 x64** run the following commands from linux console:

```
echo 'deb http://dc.entensys.com/ubuntu trusty extra' | sudo tee -a /etc/apt/sources.list
wget http://dc.entensys.com/ubuntu/entensys.gpg -O - | sudo apt-key add -
sudo apt-get update
sudo apt-get install webfilter4-appliance
```

To install UserGate Web Filter to **Ubuntu server 12.04 x64** run the following commands from linux console:

```
echo 'deb http://dc.entensys.com/ubuntu precise extra' | sudo tee -a /etc/apt/sources.list
wget http://dc.entensys.com/ubuntu/entensys.gpg -O - | sudo apt-key add -
sudo apt-get update
sudo apt-get install webfilter4-appliance
```

After this, the UserGate Web Filter service is installed together with all of the required modules. UserGate Web Filter is installed in the folder `/opt/entensys`.

To start or stop UserGate Web Filter service use linux command:

```
sudo service webfilter start(stop)
```

Configuration and administration of UserGate Web Filter are performed through the web console, which is available at the URL **<http://localhost:4040/admin/>**.

For more details, please refer to Administrator's manual.

In case of technical difficulties, please consult at the technical support area at <http://entensys.com/support>.