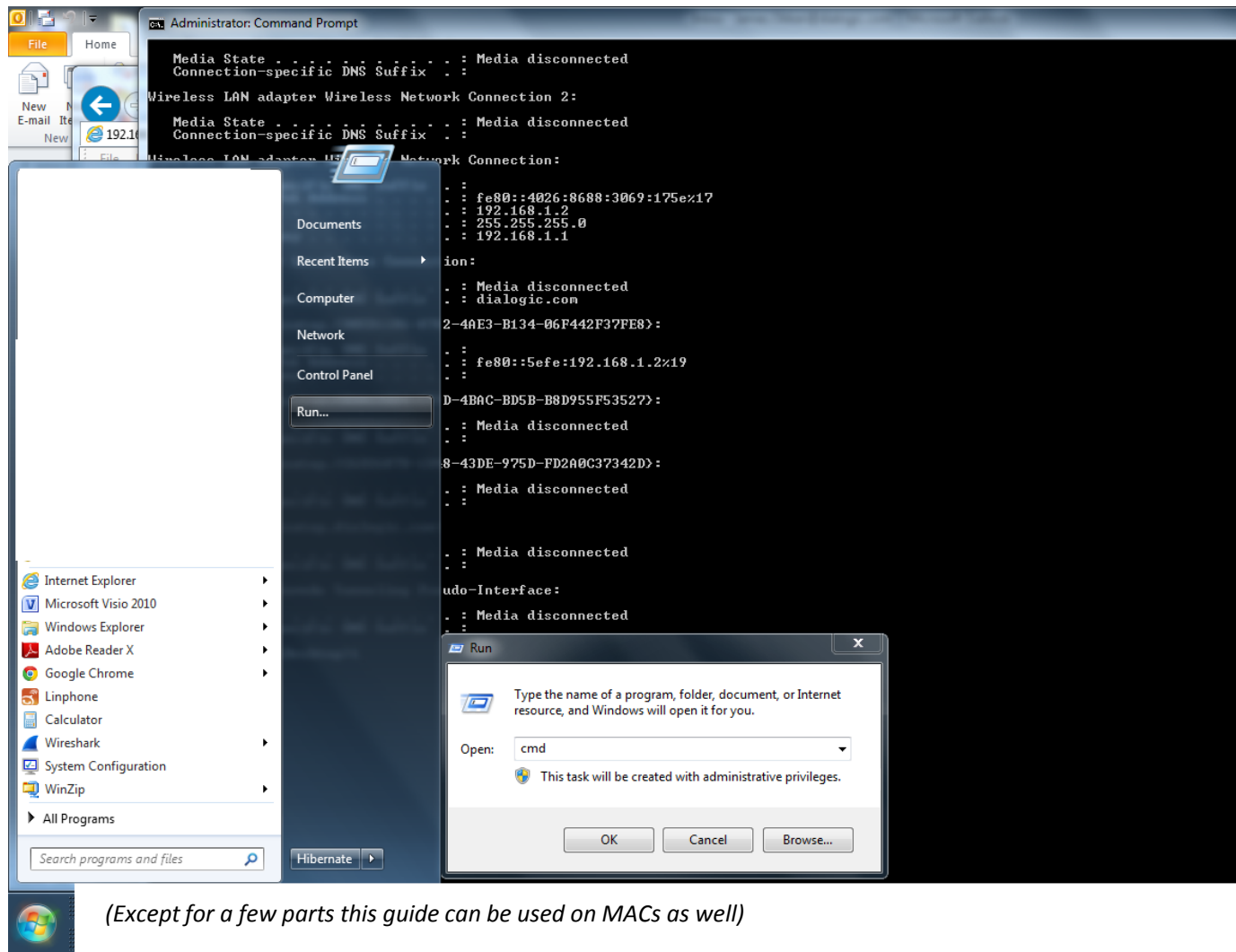


**New Router Configuration,
Router Firmware Update,
Parental Controls
and
OpenDNS installation**



This guide uses a Netgear WNR1000V3 but
it should apply to other models and other brands



(Except for a few parts this guide can be used on MACs as well)

We start out assuming you are connected to your router either by a cable or wifi

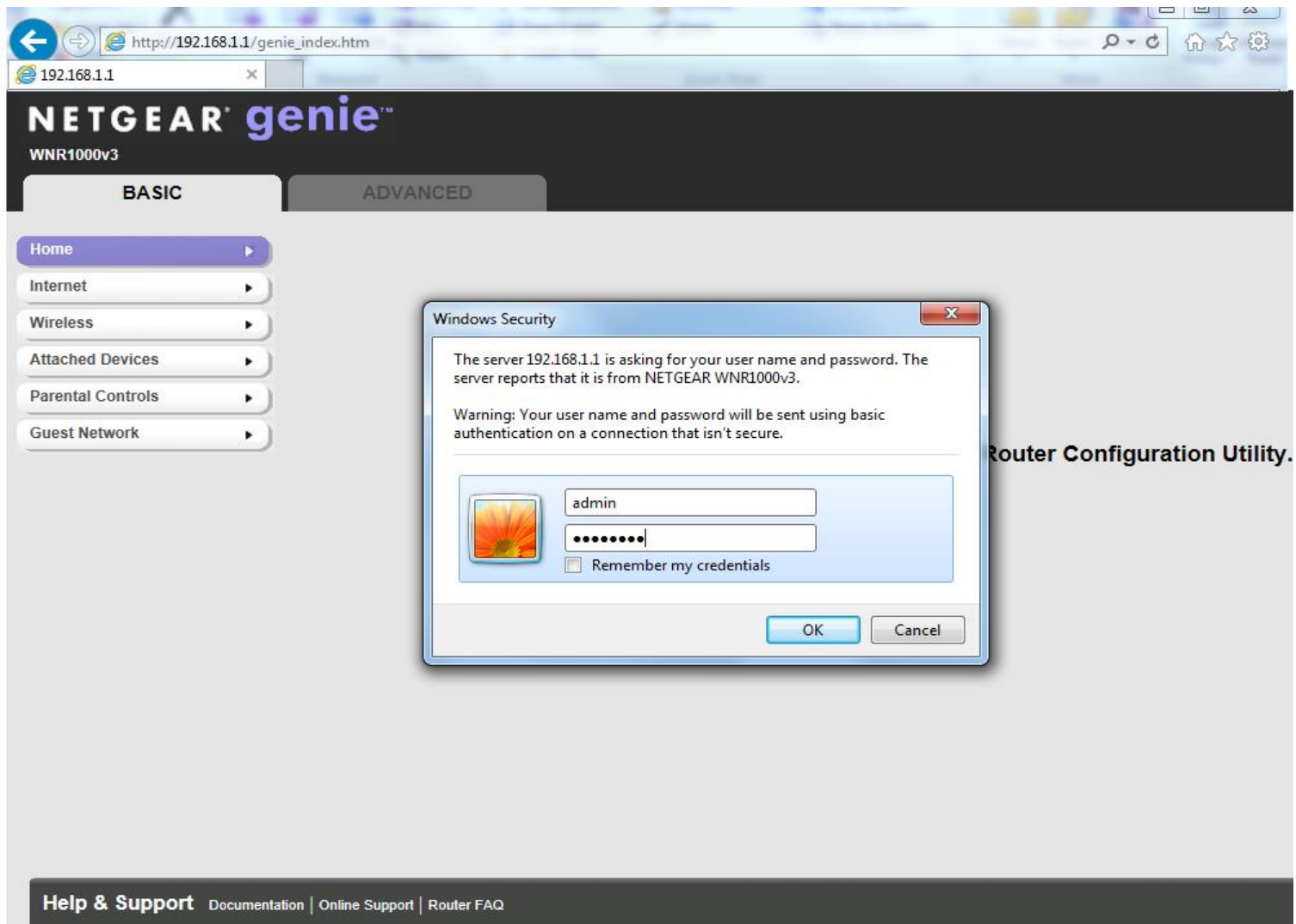
First, find the ip address of your router by: 1. going to your start button,
2. Clicking the run option
3. Type 'cmd' into the run window and clicking 'ok'

```
Administrator: Command Prompt

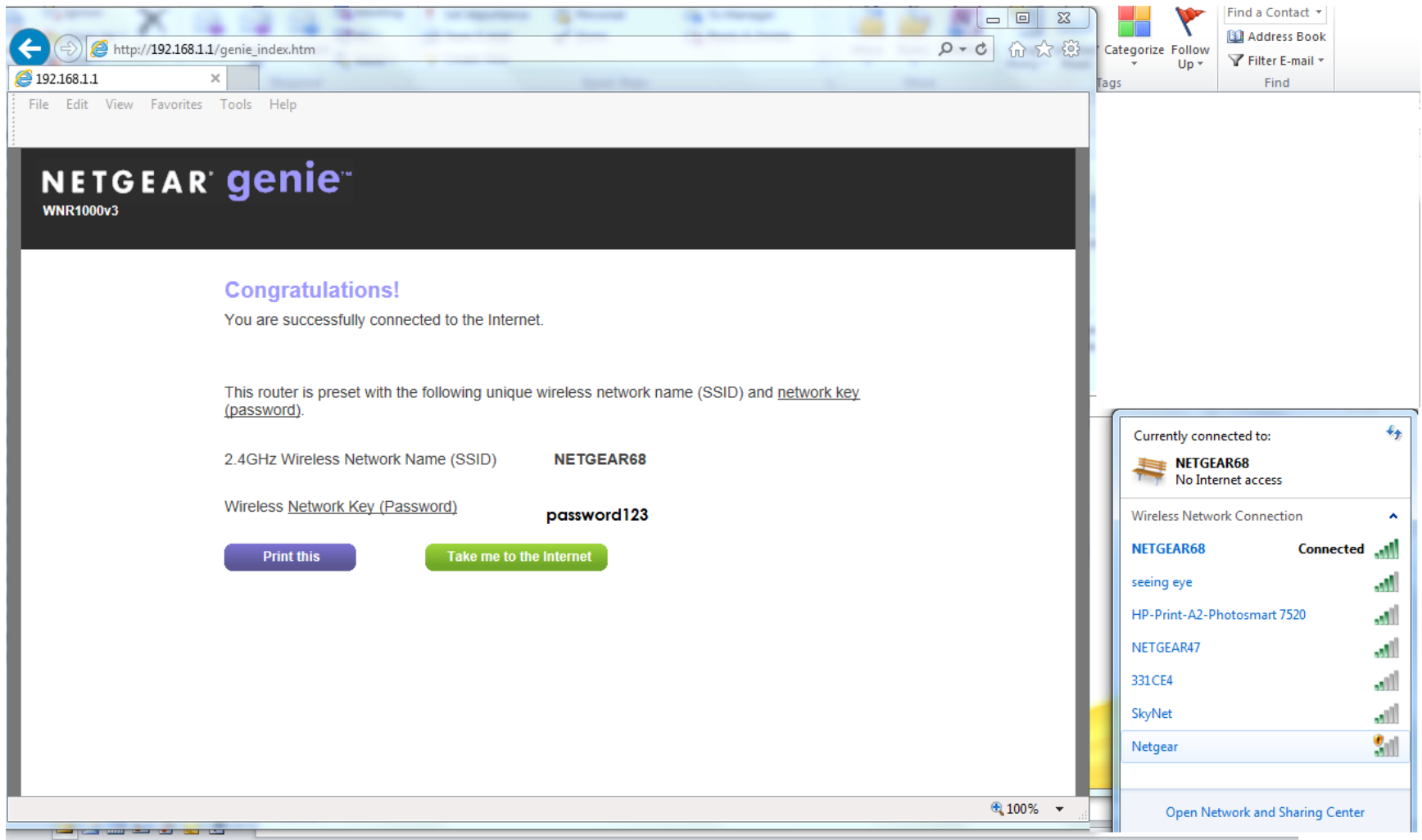
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . . :
Wireless LAN adapter Wireless Network Connection 2:
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . . :
Wireless LAN adapter Wireless Network Connection:
Connection-specific DNS Suffix . . :
Link-local IPv6 Address . . . . . : fe80::4026:8688:3069:175e%17
IPv4 Address. . . . . : 192.168.1.2
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.1.1
Ethernet adapter Local Area Connection:
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . . : dialogic.com
Tunnel adapter isatap.{D0ED1186-A7A2-4AE3-B134-06F442F37FE8}:
Connection-specific DNS Suffix . . :
Link-local IPv6 Address . . . . . : fe80::5efe:192.168.1.2%19
Default Gateway . . . . . :
Tunnel adapter isatap.{D2A13BD4-CF9D-4BAC-BD5B-B8D955F53527}:
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . . :
Tunnel adapter isatap.{C6D2687D-1D48-43DE-975D-FD2A0C37342D}:
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . . :
Tunnel adapter isatap.dialogic.com:
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . . :
Tunnel adapter Teredo Tunneling Pseudo-Interface:
Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . . :

C:\Users\jokken\Desktop>ipconfig
```

A black command line window will open. At the prompt type the command 'ipconfig' and hit <enter>. Find your router's IP address on the line that says 'Default Gateway'. Here it is 192.168.1.1.



Open a web browser and navigate to that address using the 'http://' prefix. In this example we typed 'http://192.168.1.1' and hit <enter>. You will need to enter a username and password, hopefully you have this written somewhere or your router's manual will tell you. (you are now on a webpage in your router)



For a new router you will see a first page like this showing your wifi information. If you're not connected via wifi yet you can connect using the window like the one shown here on the right (usually accessible on the bottom right, near the clock). Here we are connected to our new router's wifi, NETGEAR68, using the key provided on this first page.

NETGEAR[®] genie™

WNR1000v3

Logout

Firmware Version
V1.0.2.62_60.0.87NA
Auto

BASIC

ADVANCED

ADVANCED Home

Setup Wizard

WPS Wizard

Setup

Security

Administration

Router Status

Logs

Attached Devices

Backup Settings

Set Password

Router Update

Advanced Setup

Set Password

Apply

Cancel

Old Password

Set Password

Repeat New Password

☒ Enable Password Recovery

Security Question #1*: What is your oldest sister's first name?

Answer*:

Security Question #2*: What is your youngest brother's first name?

Answer*:

* = required information

Last time password was recovered:

Help Center

Show/Hide Help Center

Help & Support

Documentation | Online Support | Router FAQ

SEARCH HELP

Enter Search Item

GO

Next, we start to configure your router. (you may need to hit 'refresh' to get to a config page like this). You'll see configuration option menu on the left. Yours will likely be different, but first find the option to change your router's configuration webpage password. The default password isn't too secure. Remember this password. Click 'Apply', you may need to hit 'refresh' and re-login with your new password.

BASIC

ADVANCED

Home ▶

Internet ▶

Wireless ▶

Attached Devices ▶

Parental Controls ▶

Guest Network ▶

Wireless Settings

Apply ▶

Cancel

Wireless Network

☒ Enable SSID Broadcast☐ Enable Wireless Isolation

Name (SSID):

Region:

North America ▼

Channel:

Auto ▼

Mode:

Up to 150 Mbps ▼

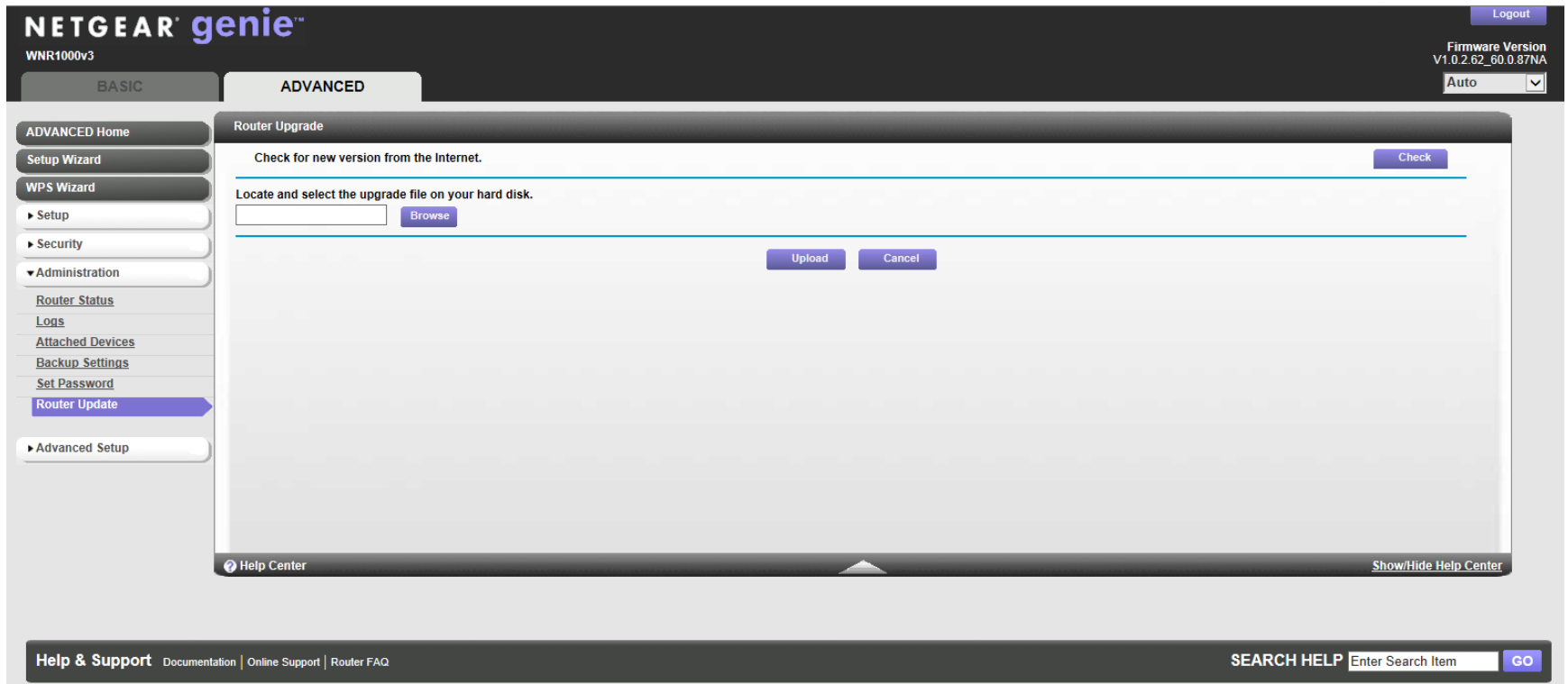
Security Options

☐ None☒ WPA2-PSK [AES]☐ WPA-PSK [TKIP] + WPA2-PSK [AES]

Security Options (WPA2-PSK)

Passphrase: (8-63 characters or 64 hex digits)

Next, find the option to change your wifi connect password/key/passphrase. Remember this passphrase. Click 'Apply, your router will restart, (it may take a few minutes) and if your currently connected via wifi you'll lose your connection and you'll need to re-connect with your new passphrase. You will also need to hit 'refresh' and re-login to the config webpage.



Next, find the option to update the software version (called firmware) on your router. Here it is the Advanced->Administration->RouterUpdate page. Click the “Check Online” button. If a new version is found there are security and safety improvements, follow the steps to install the update. Afterwards, your router will restart. Again you may need to re-connect and re-login.

The screenshot displays the Netgear Genie web interface for a WNR1000v3 router. The interface is divided into two main sections: BASIC and ADVANCED. The BASIC section is active, showing a sidebar with navigation links: Home, Internet, Wireless, Attached Devices, Parental Controls, and Guest Network. A red arrow points from the Parental Controls link in the sidebar to the Parental Controls tile in the main content area. The main content area contains five tiles: Internet (STATUS: GOOD), Wireless (ne(SSID): 761s, Password: 0747016707470), Attached Devices (Number of Devices: 2), Parental Controls (STATUS: NOT ENABLED), and Guest Network (STATUS: NOT ENABLED). The Parental Controls tile is highlighted with a red arrow. To the right of the main content area is a 'Schedule' panel. This panel has two sections: 'Days To Block:' and 'Time Of Day To Block:'. The 'Days To Block:' section has checkboxes for Every day, Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday, all of which are checked. The 'Time Of Day To Block:' section has a checkbox for 'All Day' which is checked. Below this, there are input fields for 'Start Blocking:' and 'End Blocking:', each with 'Hour' and 'Min' sub-fields. At the bottom of the Schedule panel are 'Apply' and 'Cancel' buttons.

NETGEAR genie™
WNR1000v3

BASIC **ADVANCED**

Home
Internet
Wireless
Attached Devices
Parental Controls
Guest Network

Internet
STATUS: GOOD

Wireless
ne(SSID): 761s
Password: 0747016707470

Attached Devices
Number of Devices : 2

Parental Controls
STATUS: NOT ENABLED

Guest Network
STATUS: NOT ENABLED

Schedule

Days To Block:

- ☒ Every day
- ☒ Sunday
- ☒ Monday
- ☒ Tuesday
- ☒ Wednesday
- ☒ Thursday
- ☒ Friday
- ☒ Saturday

Time Of Day To Block: (use 24-hour clock)

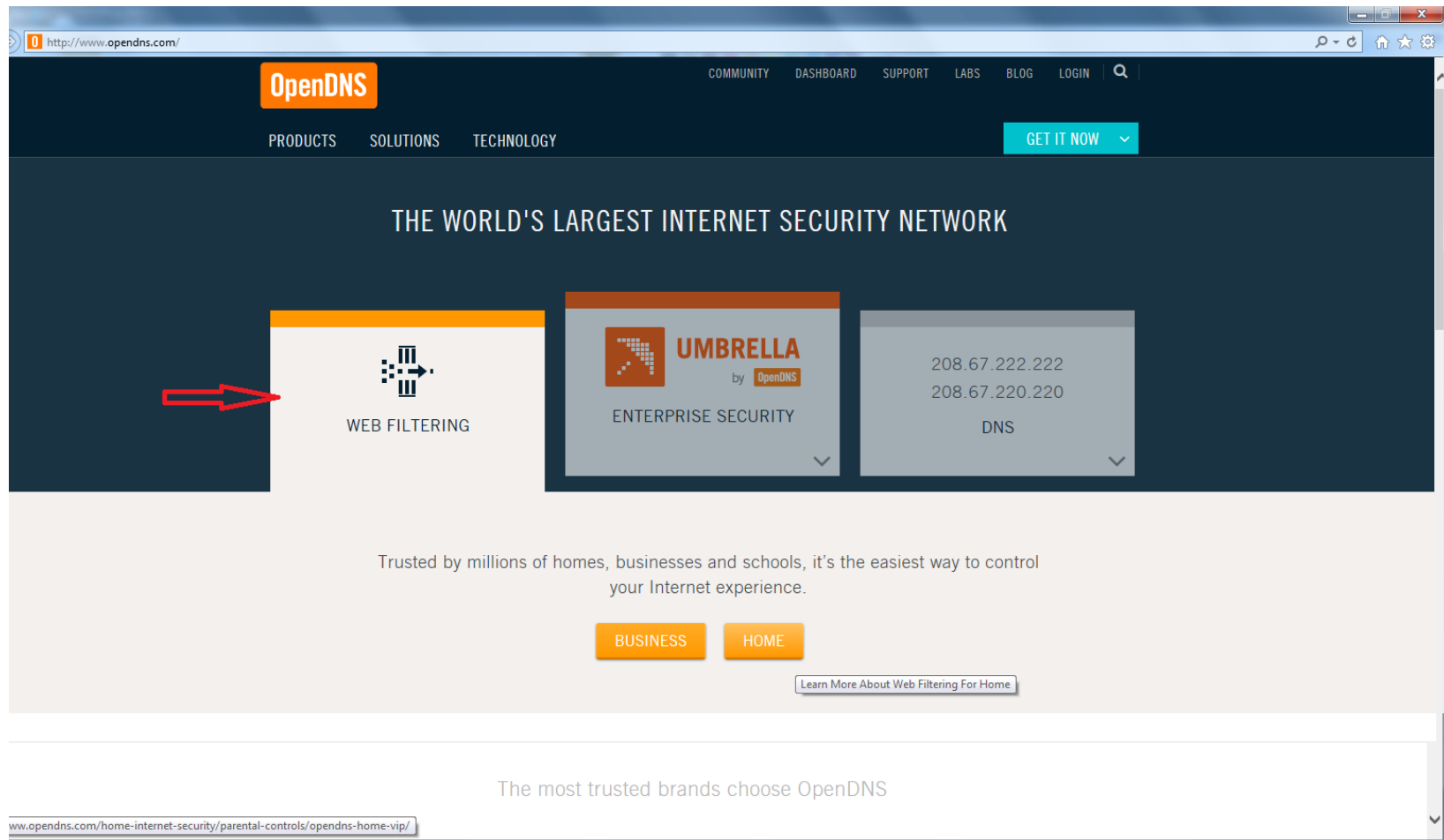
- ☒ All Day

Start Blocking: Hour Min

End Blocking: Hour Min

Apply **Cancel**

Get to know all your router options well, especially the parental control options. When you buy a new router make sure the box says it has parental controls. In the scheduling settings you can set the time of day to disable the internet. ie dinner time and/or 10pm. And the time of day to enable the internet, ie 7am. You can also select different options by day so you can turn off the internet all day on Sunday.



Now we start to configure OpenDNS. Go to www.opendns.com and click the “Web Filtering” product.

OPENDNS PARENTAL CONTROL SOLUTIONS

Please select a package below that fits your needs.

OPENDNS HOME Customizable filtering & security. Free	OPENDNS HOME VIP Customizable filtering, stats & support. \$19.95 / yr	OPENDNS FAMILY SHIELD Pre-configured to block adult content. Free
BUY NOW		

OpenDNS Home VIP

More bells and whistles. Premium support.

A faster and more reliable Internet

OpenDNS is the world's leading DNS service. Choose OpenDNS Home VIP and free your network of frustrating, intermittent Internet outages and make your Internet noticeably faster.

Parental controls that protect every Internet-connected device in your home, instantly

WHAT PEOPLE ARE SAYING

“OpenDNS maximizes your Web-filtering options.”



“We use OpenDNS for our filtering.”

Choose “OPEN DNS HOME VIP”, this is their product for both filtering and accountability.

**OpenDNS VIP is our premium home solution and costs only \$19.95 a year.
It is the smartest and easiest way to protect all Internet access in your home.**

1. Sign in or create account → 2. Payment → 3. Order confirmation → 4. Change your settings → 5. Customize your account



A faster Internet

Websites will load faster, and with OpenDNS' 100% up-time, you won't have to worry about unreachable websites and DNS outages from your ISP.

[Learn more](#)



Robust Web content filtering

With over 50 customizable filtering categories, OpenDNS Web content filtering keeps parents in control of which websites children visit.

[Learn more](#)



Phishing protection

OpenDNS blocks phishing websites that try to steal your identity and login information by pretending to be a legitimate website. Surf the Web with confidence.

[Learn more](#)



You're in good company

Over 30,000,000 homes, schools, and businesses of all sizes rely on OpenDNS for a better Internet.

[Back](#)

Create a free account

Already have an account? [Sign in.](#)

Email:

Confirm Email:

Password:

Confirm Password:

Where did you hear about OpenDNS?

-- Select --

Where will you use this account?

-- Select --

[Continue](#)

By creating an account, you are agreeing to the OpenDNS [Terms of Use](#) and [Privacy Policy](#).

You'll need to create an account and setup a yearly payment plan.

OpenDNS VIP is our premium home solution and costs only \$19.95 a year.
It is the smartest and easiest way to protect all Internet access in your home.

1. Sign in or create account → 2. Payment → 3. Order confirmation → **4. Change your settings** → 5. Customize your account

Change DNS on your:



[Computer](#)

Get instructions for Windows, Mac, mobile phones, and more.



[Router](#)

Set up OpenDNS on your router so every computer on your network benefits.



[DNS Server](#)

Learn how to use OpenDNS with your existing DNS servers.

For the nerds

Our nameservers are always:

- 208.67.222.222
- 208.67.220.220

After your account is created you will see a screen to select the device you want to use OpenDNS with. Choose 'Router'. Also, write down the IP addresses you are shown for the OpenDNS nameservers.

NETGEAR genie™
WNR1000v3

Logout
Firmware Version
V1.0.2.62_60.0.87NA
Auto

BASIC | **ADVANCED**

Home | **Internet** | Wireless | Attached Devices | Parental Controls | Guest Network

Internet Setup

Apply | Cancel | Test

Does your Internet connection require a login?
☐ Yes
☒ No

Gateway IP Address: 68 . 196 . 48 . 1

Domain Name Server (DNS) Address
☐ Get Automatically from ISP
☒ Use These DNS Servers

Primary DNS: 208 . 67 . 222 . 222
Secondary DNS: 208 . 67 . 222 . 220

Router MAC Address
☒ Use Default Address
☐ Use Computer MAC Address
☐ Use This MAC Address: C4:04:15:3B:53:13

Help Center | Show/Hide Help Center

Help & Support | Documentation | Online Support | Router FAQ

SEARCH HELP | Enter Search Item | GO

Back on your router configuration website find the page where you setup your internet connection and DNS. Select the option to use your own DNS servers. Enter the two OpenDNS nameserver IP addresses that you wrote down. Hit apply and your router may restart.

The following table provides instructions for clearing the DNS cache on computers and servers. The commands need to be run at the command prompt with administrator privileges.

Please add any additions, corrections, updates or suggestions to the comments on this article to better help the community.

Operating System	To get to the Command Prompt/Terminal	Command to use to clear DNS Cache at the Command Prompt/Terminal
Windows	Go to Start Menu > Run > Type "cmd" > press Enter/Return	ipconfig /flushdns
Mac OSX 10.4 (Tiger)	Click the Terminal icon in the dock or in Finder (in /Applications/Utilities/)	lookupd -flushcache
Mac OSX 10.5 & 10.6 (Leopards)	Click the Terminal icon in the dock or in Finder (in /Applications/Utilities/)	dscacheutil -flushcache
Mac OSX 10.7 & 10.8 (Lions)	Click the Terminal icon in the dock or in Finder (in /Applications/Utilities/)	sudo killall -HUP mDNSResponder
Mac OSX 10.9 (Mavericks)	Click the Terminal icon in the dock or in Finder (in /Applications/Utilities/)	dscacheutil -flushcache;sudo killall -HUP mDNSResponder
Linux (most distributions)	Open a terminal window (gnome-terminal, konsole, xterm, etc.)	sudo /etc/init.d/nscd restart or sudo /etc/init.d/networking restart

- Next, you will need to flush your current DNS address table. Like before:
1. go to your start button,
 2. Click the run option
 3. Type 'cmd' into the run window and click 'ok'
 4. At the prompt type the command 'ipconfig /flushdns' and hit <enter>.

Clearing the DNS Cache on Browsers



mattp1

posted this on December 02, 2013 11:08



Clearing the DNS Cache on Browsers

If you have recently set up your filtering, or just changed a setting, a cache clear may be necessary before you see your filtering take effect. Please follow the below instructions and also the steps at the [Computer DNS Cache clearing instructions](#).

The following table provides instructions for clearing the DNS cache within common Internet browsers.

<u>Browser</u>	<u>Steps to Clear the DNS Cache</u>
Internet Explorer 8 and above (Windows)	Go to the History menu, select Delete Browsing History, check all boxes (except passwords, if desired) and click Delete.
Mozilla Firefox (Windows)	Click on Firefox at the top left of your browser, go to the History menu, select Clear Recent History and check all boxes. Under Time range to clear select Everything (except passwords, if desired) and click Clear Now.
Mozilla Firefox (Mac)	Go to the History menu, select Clear Recent History and check all boxes. Under Time range to clear select Everything (except passwords, if desired) and click Clear Now.
Apple Safari (Windows)	Expand the Cog Icon in the upper right corner and select Reset Safari. Check all boxes and click Reset.
Apple Safari (Mac)	Go to the Safari menu, select Reset Safari, check all boxes and click Reset.
Google Chrome (Windows)	Expand the Wrench Icon in the upper right corner and select History and check all boxes. Under Clear data for this time period, select Everything(except passwords, if desired) and click Clear Browsing Data.
Google Chrome (Mac)	Under Go to the Chrome menu, select Clear Browsing Data and check all boxes (except passwords, if desired). Under Clear data for this time period, select Everything and click Clear Browsing Data.

17 people found this useful.

- CacheCheck
- Configuring MaraDNS to use OpenDNS
- FAQ: what are the DNS Request Types?
- What happens when I change my DNS Settings?
- Preventing circumvention of OpenDNS with firewall rules

Also, follow the steps provided to clear your browsers DNS cache for all previous time. If you have multiple browsers you will need to do this multiple times.

Your current IP is 68.196.62.201. (Sign out)

OpenDNS.com Dashboard Community


OpenDNS / dashboard


HOME STATS SETTINGS MY ACCOUNT SUPPORT TELL A FRIEND

⚠ Thanks for choosing OpenDNS! Looking for productive ways to pass the time? Please join our active community to help make the OpenDNS service better for everyone by contributing your votes on [Domain Tagging](#). It's easy and all it takes is a few clicks — [start today!](#)


Welcome, . [Global System Status: Online](#)


Personal networks

 **Stats & Logs**
No networks have stats.

 **Settings**
0 networks ([Add network](#))


[Manage this organization ▼](#)
Plan: OpenDNS VIP

 **Stats & Logs**
No networks have stats.


 **Settings**
0 networks ([Add network](#))

Alert: This organization has no networks assigned to it. [Add a network](#) to take advantage of your paid subscription features!

OpenDNS Blog






[Automating Umbrella Using Kaseya](#)
by Dima Kumets (April 30, 2014)
As a product manager, conferences are incredible opportunities to talk to customers and partners face-to-face. This year's ...



[For Managed Services, Always Carry an Umbrella](#)
by Dima Kumets (April 25, 2014)

Share OpenDNS

- **New!** Spread the word about OpenDNS:
 -  [Twitter](#)
 -  [Facebook](#)
 -  [LinkedIn](#)
- [Tell a friend](#) about OpenDNS.
- Share [this link](#) at your company or

Setup is complete! Login to your account on www.opendns.com and go to your dashboard. Your network (an IP address provided by your internet provider) will be available to select and configure/manage.

Your current IP is 68.196.62.201.

(Sign out)

OpenDNS.com

Dashboard

Community

OpenDNS

dashboard

HOME

STATS

SETTINGS

MY ACCOUNT

SUPPORT

TELL A FRIEND

Settings for: home (68.196.62.201)

Add/manage networks

Web Content Filtering

Security

Customization

Stats and Logs

Advanced Settings

Users can contact you

Your users can contact you directly from the block page if they have questions. It'll show up as an email in your inbox.

Note about DNS forwarding

If you are forwarding requests to OpenDNS, domain blocking may not work properly if the domain's address is in your forwarder's cache.

Check a domain

[Find out](#) whether it would be blocked, and why.

Support Articles

Web Content Filtering

Choose your filtering level

☐ Whitelist Only

Enabling this feature will **block all websites** except those listed below under your "Never block" individual domains.

☒ High

Protects against all adult-related sites, illegal activity, social networking sites, video sharing sites, and general time-wasters.
26 categories in this group - [View](#) - [Customize](#)

☐ Moderate

Protects against all adult-related sites and illegal activity.
13 categories in this group - [View](#) - [Customize](#)

☐ Low

Protects against pornography.
4 categories in this group - [View](#) - [Customize](#)

☐ None

Nothing blocked.

☐ Custom

Choose the categories you want to block.

APPLY

Manage individual domains

If there are domains you want to make sure are always blocked (or always allowed) regardless of the categories blocked above, you can add them below.

Always block

ADD DOMAIN

Under the settings tab you can set your filtering level to High or Moderate. You can set whitelisted, never blocked websites and blacklisted, always blocked websites (like hulu, netflix, youtube and facebook). Click 'Apply', wait 3 minutes for the settings to become active. Test your filtering by going to sites you want to be blocked.

Your current IP is 68.196.62.201. (Sign out)

OpenDNS.com Dashboard Community

OpenDNS / dashboard

HOME STATS SETTINGS MY ACCOUNT SUPPORT TELL A FRIEND

Settings for: home (68.196.62.201) Add/manage networks

[Web Content Filtering](#)
[Security](#)
[Customization](#)
[Stats and Logs](#)
[Advanced Settings](#)

Stats and Logs

☒ **Enable stats and logs**
OpenDNS gives you the choice to turn on (or off) data collection. If you disable this feature, we will stop logging your DNS lookups on a go-forward basis. Your charts and stats will reflect this choice: there will be no data from that point forward.

APPLY

Purge DNS data

This button simply deletes all the DNS data we have for this network up to this point in time. Think of it as a way of resetting your stats to zero.

PURGE MY DATA!

Support: [Knowledge Base](#) | [CacheCheck](#) | [System Status](#) | [Forums](#) News & Notes: [OpenDNS Blog](#)

Connect: [Twitter](#) [LinkedIn](#) [Facebook](#)

The OpenDNS nameservers are 208.67.222.222 and 208.67.220.220.

Under the 'Stats and Logs' section of the settings check the box to 'Enable stats and logs' and click 'Apply'.

Your current IP is 68.196.62.201. (Sign out)

OpenDNS.com Dashboard Community

OpenDNS / dashboard

HOME STATS SETTINGS MY ACCOUNT SUPPORT TELL A FRIEND

Domains

Domains ▼ for home (68.196.62.201) ▼ from 2014-04-29 to 2014-05-06 or [choose a single day](#) [Apply](#)

Filter: View only requests that were blocked ▼

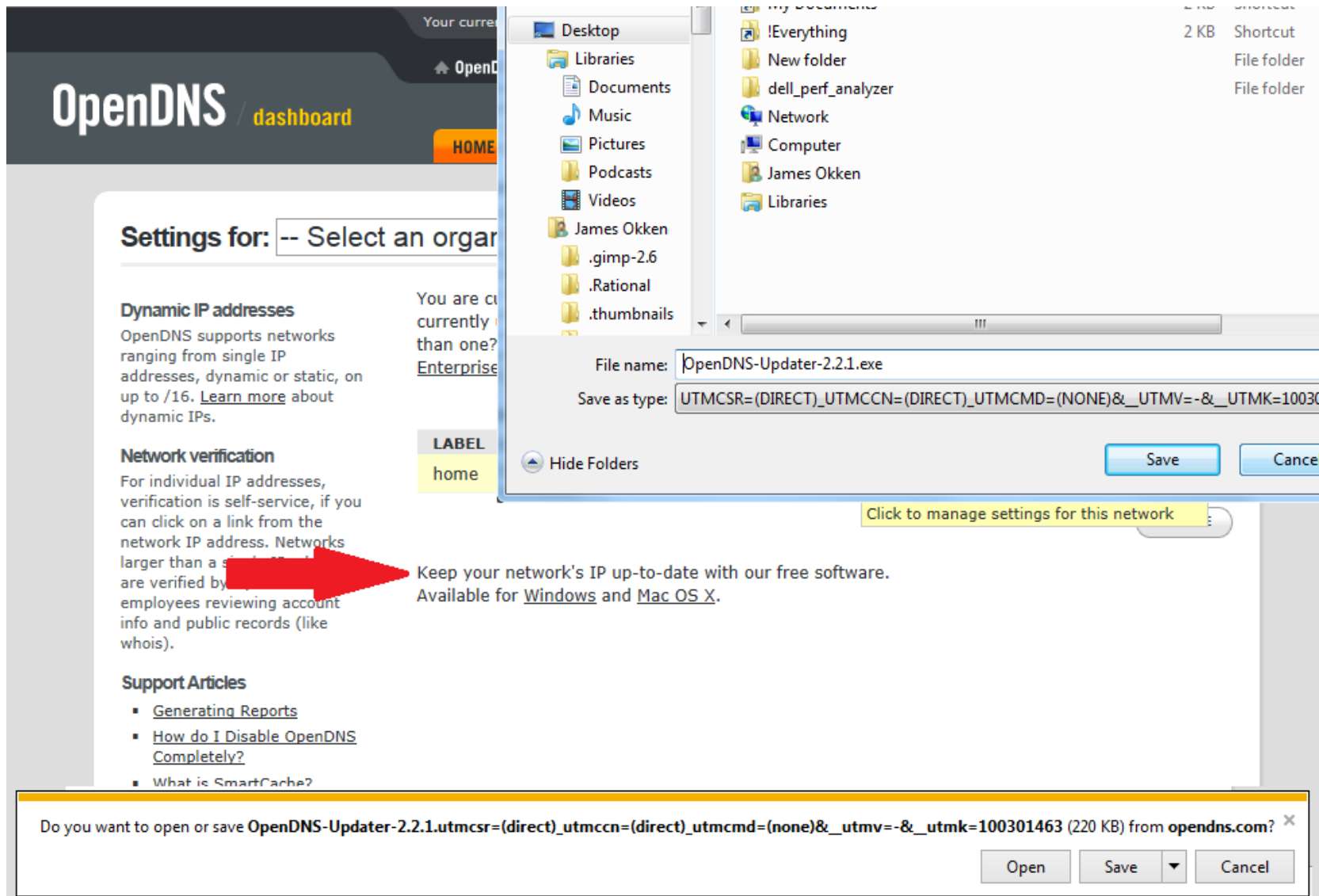
RANK	DOMAIN	REASON	REQUESTS
1	www.quns.com	Weapons	5
This domain is categorized as Weapons, which you blocked. You can make an exception for this domain or unblock this entire category .			
2	ib.adnxs.com	Adware	2
3	www	Lewd ...	1

Support: [Knowledge Base](#) | [CacheCheck](#) | [System Status](#) | [Forums](#) News & Notes: [OpenDNS Blog](#)

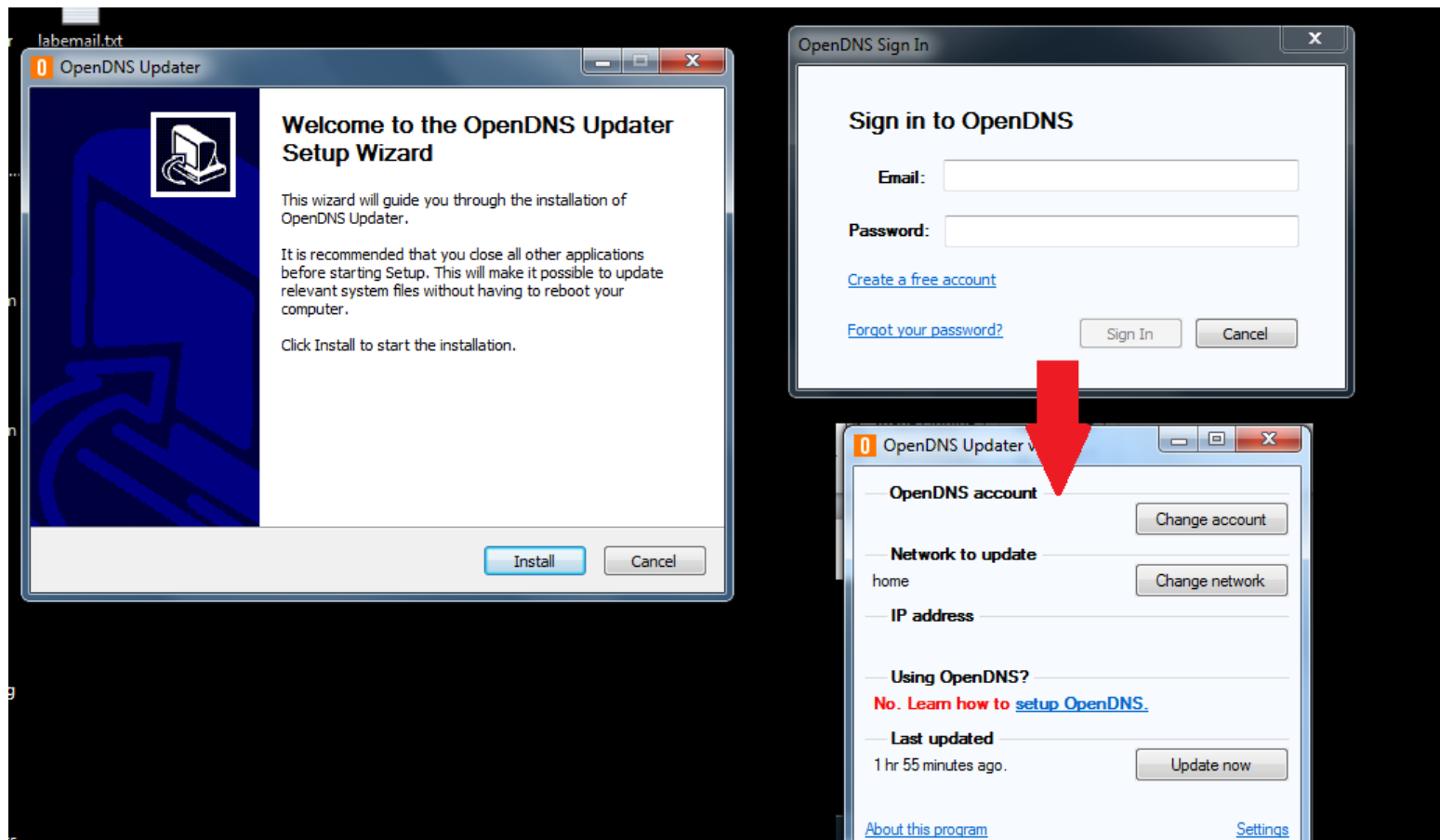
Connect: [Twitter](#) [LinkedIn](#) [Facebook](#)

The OpenDNS nameservers are 208.67.222.222 and 208.67.220.220.

Now, under the 'Stats' tab you will be able to view a wide range of information regarding what web sites were visited, or were attempted to be visited, via your router. These lists have a delay, it may take a day for all recent activity to appear. It is suggested to scan through your families activity, or blocked activity, every week or so.



Near the bottom of the main 'Settings' window there is an option to install a small piece of software that will keep your OpenDNS active if your internet provider ever changes your network (the IP address they provide you). Installing this is very important. Note-> At the time of this writing there is an issue with this download, you'll have to save it not open it, and make sure you have a valid file name (.exe) in the 'Save As' window.



Navigate to where you saved the OpenDNS-Updater and double-click it to start the installation. When complete enter in your OpenDNS account information (one time only) to connect it to your account/network. This program just runs in the background always and monitors when to update your account when your internet provider changes your network. Note-> If this doesn't happen OpenDNS will not function.