

# How to obtain a User's Public IP Address

## Introduction

Obtaining a User's IP Address may be used for tons of things, such as performing a (Distributed) Denial of Service Attack on the Victim, obtaining personal info about the Victim and what more...

Now, I'm sure we've all seen different ways of acquiring someone's Public IP Address, however the majority of these ways lets the Victim know that his IP Address is being obtained by you - the "Hacker", or at least makes him a bit suspicious regarding your attempt to gather his Public IP Address.

## Requirements

- A Device with an Internet Connection (Works on every OS)
- Ability to get the Victim to view a specific Post/(Chat-)Message/Page that you been involved in (having posted/commented on that Post/Website)

## Step-by-Step Tutorial on how to obtain their IP Address

### *Creating a 'fake' Image that will obtain their IP*

1. You can either: **(A)** Get an Image from the Web, or **(B)** create your own 1x1 "invisible" Image (when posted online) - Either way, make sure its extension is JPG/GIF.
2. Save the Image File on your Computer, on a Directory which you have easy access to (i.e. your Desktop).

### *Uploading the 'fake' Image that obtains their IP when viewed*

3. Visit: [www.fuglekos.com/ip-grabber/index.html](http://www.fuglekos.com/ip-grabber/index.html).
4. Fill in the Information required, uploading your 'fake' Image (fill in an E-Mail Address you have access to and a Password you are going to remember).

**- IMAGE IP GRABBER -**

**START BY UPLOADING PHOTO**

**1. Choose a JPG/GIF**  
File name should be shorter than 15 chars.  
 No file chosen  
*(Only latin alphanumeric, no spaces in file names)*  
No XSS/shells please! If you upload executable codes, the codes will only be printed to screen when opening the file.

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**2. Password protect your log information**  
*(\*required)*  
Choose password:   
Repeat password:

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**3. E-mail address**  
*(\*required)*

FAKE ADDRESSES WILL BE REMOVED!  
YOU WILL RECIEVE AN **ACTIVATION LINK** ON  
THIS MAILADDRESS SO USE A REAL ADDRESS

*(If you submit a non-existing address, you will have no way of activating the image. The image link starts working as soon as you open the activation link from your e-mail. Images that are not activated within 24 hours will be recycled)*

You can use **the same e-mail address** for multiple images, not just one image per e-mail.

You will not recieve any spam from us, but you will get e-mail notifications each time your image is opened / viewed by anyone.

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**4. CLICK UPLOAD ->**   
**By uploading you agree to our terms of service**  
(found on the **bottom of the page**)

5. Click the "Upload" Button.
6. Having done everything correctly, the Server should have returned a message saying we have Successfully submitted the Image.
7. Before we move on, we need to take Note of some Information first, so open up some kind of Simple Text-Editor and note the following things:
  - a. Image Name (My Case: "testimage123.jpg")
  - b. Folder Name (My Case: "2016-1-26")
  - c. Image Link (My Case: <http://www.fuglekos.com/profile/img/2016-1-26/testimage123.jpg>)

- SUCCESS! -

Image [testimage123.jpg] successfully uploaded!

Folder name [2016-1-26]

BEWARE - image filename, folder name and PASSWORD is required to view the log information!

Activation link for this image has been sent to your e-mail address. **You must open the link to activate this image.**

Have you opened the activation link?

**The link to the image:**

[ <http://www.fuglekos.com/profile/img/2016-1-26/testimage123.jpg> ]

You can click the link to test if the image is showing.

(This will however make your own ip the first entry in the log!)

The link

[ <http://www.fuglekos.com/profile/img/2016-1-26/testimage123.jpg> ]

is ready for use. Copy the link and send it to the target.

**NOTE: For educational purposes only! You must have the permission of the target!** You will not get the direct IP address of target computer if target is not connected directly to the internet, but through **VPN, PROXY** etc. In this case you get the IP address of the VPN/PROXY. Most people today are connected through a wi-fi router or other NAT networks. In this case **you will get the IP address of their router or connection point.**  
**ON FACEBOOK:** As wall picture it **does not work. Send it as link in chat.**

8. After you've taken Note of this Information, we're ready to move on, so check your Inbox/Spam Folder for a Mail the Server has sent you with the Subject: *"Activation link from Fuglekos IP-GRABBER!"*.
9. It should include the Activation Link, navigate to that URL Link and you should see "Congrats, your picture is activated!".
10. And that's it, now you're ready to send this to your Victim and obtain their Public IP Address!

### **Getting the Victim to view our 'fake' Image**

11. Many Websites, including Social-Media, Forums, etc. allow you to use BBCode, HTML or another formatting 'language' that allows you to send an Image to the Victim and view it without having to Click a Website.
12. Find a way to get in-touch with the Victim and send him the Image, or go on his Forum Profile or on another Website he visits occasionally and put the following Code in:

BBCode: [img]http://www.fuglekos.com/profile/img/2016-1-26/{yourimage.jpg/gif}[/img]

My Case: [img]http://www.fuglekos.com/profile/img/2016-1-26/testimage123.jpg[/img]

HTML: 

My Case: 

13. For example, if you're in a Chat, use the BBCode Formatted way, and your Victim will think it's just a regular Image you're sharing with them, or if you're following way **(B)**, since the Image is 1x1, it will be invisible to the User, and by the Time he views your Message, you've got his IP!

A Message like this would be good enough to seem innocent: Hey, buddy, how are you doing, today? [img]http://www.fuglekos.com/profile/img/2016-1-26/{yourimage.jpg/gif}[/img]

### Obtaining their IP Address

14. To Check your Image View-Log, navigate over to <http://www.fuglekos.com/ip-grabber/index.html> and on the right-side of the Page, Locate the "Access image log" Box, fill in the Information you Noted down a few minutes ago, and Click "Check Log".
15. Congratulations! You have just obtained your Victim's Public IP Address without them even realizing what you've just done!

Timestamp	IP ADDRESS	HOSTNAME	MAP LOOKUP	BROWSERINFO
2016/26/01-18:49	20[REDACTED]5	209.1[REDACTED].e.net	1   2   3   4	[REDACTED]
2016/26/01-18:44	79.[REDACTED].224	a[REDACTED].net.gr	1   2   3   4	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_11_2) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/47.0.2526.111 Safari/537.36

### Conclusion

The best thing about this, is that not only do you obtain the Victim's IP without them even knowing, but you also get to see their "Browser-Info", also known as "User-Agent".

In case you've never heard of the term "User-Agent", or aren't familiar with it, a User-Agent string format is currently specified by section 5.5.3 of [HTTP/1.1 Semantics and Content](#). The format of the User-Agent string in HTTP is a list of product tokens (keywords) with optional comments. For example, if a user's product were called TestBrowser, their user agent string would most likely be *TestBrowser/1.0 Gecko/1.0*. The "most important" product component is usually listed first.

So, basically, having their User-Agent String/Browser-Info also gives you some (detailed) Information about the User's Device, Operating System (& Version) and Browser, so you get even more Info of the Victim using this 'fake'-Image way than other common ways that would most likely make the Victim suspicious about your attempt to obtain their IP Address.

Thank you for reading - I hope this Tutorial was found useful!

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