



# WONDER HOW TO

## NULL BYTE

### HOW TO

## Find Identifying Information from a

# Phone Number Using OSINT Tools

BY KODY

🕒 05/31/2019 9:03 PM

🔄 06/07/2019 3:09 PM

RECON

Phone numbers often contain clues to the owner's identity and can bring up a lot of data during an OSINT investigation. Starting with a phone number, we can search through a large number of online databases with only a few clicks to discover information about a phone number. It can include the carrier, the owner's name and address, and even connected online accounts.

🔥 HOT

🕒 LATEST



HOW TO

Hunt Down Social Media Accounts by Usernames with Sherlock



While a phone number may not seem like much information to give out, an OSINT researcher can quickly discover information that ties a phone number to a variety of other clues. The data can be used to detect whether a phone number is a throwaway VoIP number used to hide the owner's identity or a cell phone belonging to a real person. In the event of buying something online or replying to an apartment ad, this information is incredibly useful to know.

For a hacker, the ability to turn a phone number into multiple connected online accounts, email addresses, or screen names makes it a perfect starting point for bigger things to come. A quick scan to discover the carrier of a phone number can provide everything a hacker needs for a well-crafted phishing email pretending to be from the victim's carrier. Once a hacker can identify other details about the target that may be attached to the phone number, it's easy to identify the weakest link and attack the target using whatever information that's dug up.

- **Don't Miss:** [Use Facial Recognition for OSINT on Individuals & Companies](#)

*Editor's note: The OSINT Tools by Mike Bazzel featured in this article was [taken down](#) from his*



RASPBERRY PI ALTERNATIVES

## 10 Single-Board Computers Worthy of Hacking Projects Big & Small

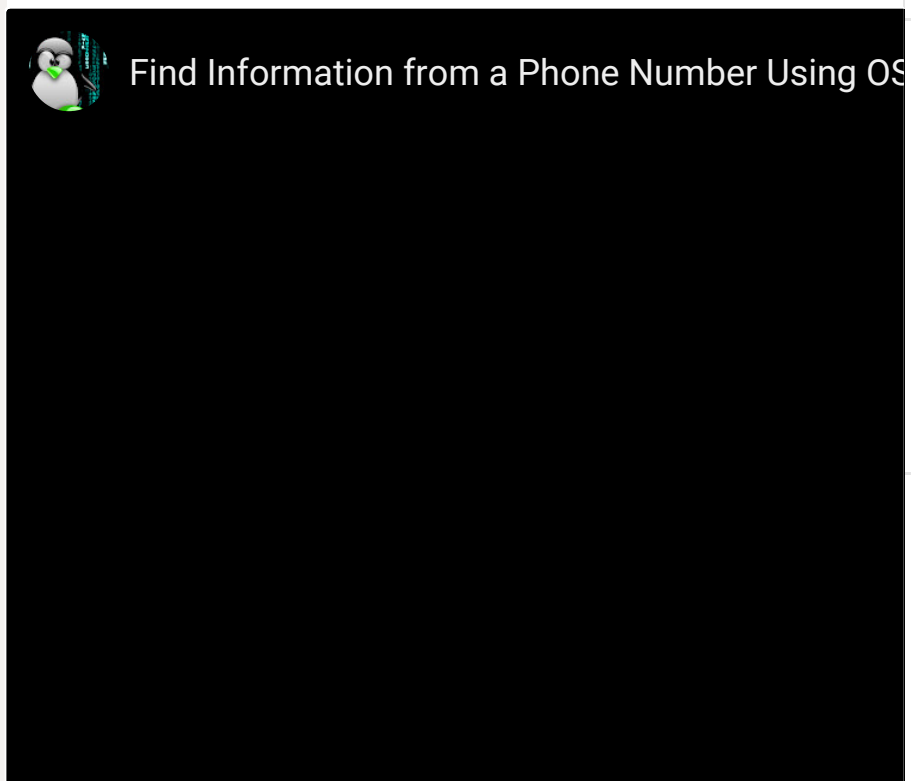


HOW TO

## 4 Ways to Crack a Facebook Password & How to Protect Yourself from Them



*website due to increased DDoS-style attacks, as well as DMCA's and cease-and-desists from some of the tools included. Phoneinfoga will still work in this guide, but for the others, you can try using each company's individual tool instead. You can see how it used to work, however, in the video and text below.*



## OSINT Tools for Phone Numbers



### HOW TO HACK WI-FI

Get Anyone's Wi-Fi Password Without Cracking Using Wifiphisher



### HOW TO

Crack Wi-Fi Passwords with Your Android Phone and Get Free Internet!



### HOW TO HACK WI-FI

Cracking WPA2 Passwords Using the New PMKID Hashcat Attack

For quickly searching through phone numbers, we can use both command-line and browser-based tools. Command line tools give the advantage of simple operation and greater customization but require you to have Python installed and updated. Today, we'll be [using a tool called Phoneinfoga](#) to quickly determine if the number is associated with a disposable phone number.



One of the best resources for OSINT is Mike Bazzel's [IntelTechniques](#) website, which we'll also be focusing on here. This website contains several custom tools that Bazzel had organized to be useful for researchers. Many of these tools are already in [Buscador OS](#), a virtual machine that can be run to provide an operating system geared towards OSINT investigations.

HOW TO

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**Top 10 Things to Do After Installing Kali Linux**

- **Don't Miss:** [Use the Buscador OSINT VM for Conducting Online Investigations](#)

## The Scenario

As an example, we'll take a sample business listing from a classified ad. How would we verify this? If the ad claims to be from a licensed professional, could we track down a license attached to the phone number? A simple reverse phone number lookup may find something, but to see the real data, you have to dig deeper and utilize more than just one reverse number lookup tool.

### HOW TO

**Hack Android Using Kali (Remotely)**

### HOW TO

**Get Unlimited Free Trials Using a "Real" Fake Credit Card Number**

### ANDROID FOR HACKERS

**How to Turn an Android Phone into a Hacking Device Without Root**



## For Rent (17)

## Wanted (11)

WANTED: Highest cash paid for junk or good cars. **Licensed professional**. 717- -9539.

WANTED: Like new or slightly used digital hearing aids. Call -

WANTED: Antiques, one piece to an entire estate. Buying estate jewelry, gold/ silver. All cc  
rings, vintage clothes, hats, watches, pocket watches, guitars. Uncle Funky's -

WANTED: Paying cash for old shaving razors, antiques, typewriters, cameras, lanterns, old  
& household. Jeremy in Akron, -

WANTED: Walk behind selfpropelled gas lawn mower. Must be in good condition. -

WANTED: Costume jewelry, vintage Christmas decorations, doll clothes, clothing button c

### HOW TO

## Obtain Valuable Data from Images Using Exif Extractors

### HOW TO

## Crack Any Master Combination Lock in 8 Tries or Less Using This Calculator

### HOW TO

## Find Anyone's Private Phone Number Using Facebook

To supplement the information you find online later, you can use a Python tool called Phoneinfoga, which allows you to search for details about phone numbers from the command line. To use Phoneinfoga, open a terminal window and enter the following four commands one by one or at the same time.

```
~$ git clone https://github.com/sundowndev/P
~$ cd PhoneInfoga/
~/PhoneInfoga$ python3 -m pip install -r req
~/PhoneInfoga$ cp config.example.py config.p
```

```
Cloning into 'PhoneInfoga'...
remote: Enumerating objects: 85, done.
remote: Counting objects: 100% (85/85), done
remote: Compressing objects: 100% (79/79), done
remote: Total 886 (delta 43), reused 12 (delta 0), received 793 objects, 247.47 KiB
Resolving deltas: 100% (461/461), done.
```

```
Requirement already satisfied: requests==2.25.1 in /usr/local/lib/python3.9/site-packages (from -r requirements.txt)
Collecting bs4==0.0.1 (from -r requirements.txt)
  Downloading https://files.pythonhosted.org/packages/00/02/00/02/00/02/00/02/00/02/bs4-0.0.1.tar.gz
Requirement already satisfied: html5lib==1.0.1 in /usr/local/lib/python3.9/site-packages (from -r requirements.txt)
Collecting phonenumbers==8.10.2 (from -r requirements.txt)
  Downloading https://files.pythonhosted.org/packages/00/02/00/02/00/02/00/02/00/02/phonenumbers-8.10.2.tar.gz
100% |#####|
Collecting argparse==1.2.1 (from -r requirements.txt)
  Downloading https://files.pythonhosted.org/packages/00/02/00/02/00/02/00/02/00/02/argparse-1.2.1.tar.gz
100% |#####|
Collecting urllib3==1.24.2 (from -r requirements.txt)
  Downloading https://files.pythonhosted.org/packages/00/02/00/02/00/02/00/02/00/02/urllib3-1.24.2.tar.gz
100% |#####|
Collecting colorama==0.4.1 (from -r requirements.txt)
  Downloading https://files.pythonhosted.org/packages/00/02/00/02/00/02/00/02/00/02/colorama-0.4.1.tar.gz
Requirement already satisfied: beautifulsoup4==4.9.3 in /usr/local/lib/python3.9/site-packages (from -r requirements.txt)
Building wheels for collected packages: bs4, phonenumbers, argparse, colorama
  Running setup.py bdist_wheel for bs4 ... done
  Stored in directory: /root/.cache/pip/wheels/00/02/00/02/00/02/00/02/00/02/bs4-0.0.1-py3-none-any.whl
  Running setup.py bdist_wheel for argparse ... done
  Stored in directory: /root/.cache/pip/wheels/00/02/00/02/00/02/00/02/00/02/argparse-1.2.1-py3-none-any.whl
Successfully built bs4 argparse
Installing collected packages: bs4, phonenumbers, argparse, colorama
  Found existing installation: urllib3 1.24.2
  Not uninstalling urllib3 at /usr/lib/python3.9/site-packages because it is a local-only package
  Can't uninstall 'urllib3'. No files were found to uninstall.
  Found existing installation: colorama 0.3.9
  Not uninstalling colorama at /usr/lib/python3.9/site-packages because it is a local-only package
```

#### HOW TO

### Hack Wi-Fi & Networks More Easily with Lazy Script

#### HOW TO

### Crack Shadow Hashes After Getting Root on a Linux System

#### HOW TO HACK WI-FI

### Cracking WPA2-PSK Passwords Using Aircrack-Ng



```
Can't uninstall 'colorama'. No files were found to uninstall.  
Successfully installed argparse-1.2.1 bs4-0.0.1
```

Next, you can run the program with the options displayed in the help file.

```
~/PhoneInfoga$ python3 phoneinfoga.py -h  
  
usage: phoneinfoga.py -n <number> [options]  
  
Advanced information gathering tool for phone numbers  
(https://github.com/sundowndev/PhoneInfoga)  
  
optional arguments:  
  -h, --help            show this help message and exit  
  -n number, --number number  
                        The phone number to scan (format: +1234567890)  
  -i input_file, --input input_file  
                        Phone number list to scan (format: +1234567890)  
  -o output_file, --output output_file  
                        Output to save scan results (format: +1234567890)  
  -s scanner, --scanner scanner  
                        The scanner to use (format: +1234567890)  
  --recon                Launch custom format recon (format: +1234567890)  
  --no-ansi             Disable colored output (format: +1234567890)  
  -v, --version          Show tool version
```

#### HOW TO

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### Brute-Force Nearly Any Website Login with Hatch

ALL FEATURES



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## Step 2 Search a Phone Number with Phoneinfoga

To search for a phone number, we just need to add the **-n** flag and then whatever number we want to search for. If you use the **--recon** argument, it will perform an advanced search.

[illegible]

PhoneInfoga Ver. v1.6.4

Coded by Sundowndev

```
[!] ---- Fetching informations for 1717[ ]95
[*] Running local scan...
[+] International format: +1 717-[ ]-9539
[+] Local format: 717[ ]9539
[+] Country found: United States (+1)
[+] City/Area: Pennsylvania
[+] Carrier:
[+] Timezone: America/New_York
[i] The number is valid and possible.
[*] Running Numverify.com scan...
[!] Numverify.com is not available
[*] Running OVH scan...
[*] Running custom format reconnaissance...
Footprint reconnaissance for 717[ ]9539
[+] URL: https://www.reverse-lookup.co/717-[ ]
[+] URL: http://staging.thatsthem.com/phone/
[+] URL: https://www.revealname.com/717-[ ]-
[+] URL: https://www.okcaller.com/717[ ]9586
[+] URL: http://www.ncsusigmanu.com/g-i/717/
Footprint reconnaissance for 1 717[ ]9539
Footprint reconnaissance for 1 717 [ ]9539
Footprint reconnaissance for 717 [ ]9539
[+] URL: http://phonelookupus.com/who-called
Footprint reconnaissance for 717-[ ]9539
[+] URL: http://phonelookupus.com/who-called
Footprint reconnaissance for 717-[ ]-9539
[+] URL: http://www.buzzfile.com/business/Ra
[+] URL: https://www.whitepages.com/phone/1-
[+] URL: https://safer.fmcsa.dot.gov/query.a
[+] URL: https://www.manta.com/c/mtmr6yw/rau
[+] URL: https://www.kw.com/kw/agent/[ ]r
Footprint reconnaissance for +1 717-[ ]-9539
[+] URL: https://phonescheck.com/717-[ ]
[+] URL: https://mobphonescheck.com/717-[ ]
[+] URL: http://uk.popularphotolook.com/717-
```

```
[+] URL: https://ownertelephone.com/1717-9539
[+] URL: http://opencallerlistings.com/listi
Footprint reconnaissance for (+1)717-9539
[+] URL: https://www.whitepages.com/phone/1-
[+] URL: https://www.whitepages.com/phone/1-
[+] URL: https://www.whitepages.ca/phone/1-7
[+] URL: http://www.google.comhttp://mrnumbe
[+] URL: http://www.google.comhttp://uk.popu
Footprint reconnaissance for +1/717-9539
[+] URL: https://www.whitepages.com/phone/1-
[+] URL: https://www.whitepages.com/phone/1-
[+] URL: https://www.whitepages.ca/phone/1-7
[+] URL: http://mrnumber.com/1-717-9539%3Fpag
[+] URL: http://uk.popularphotolook.com/717-
Footprint reconnaissance for (717) 9539
[+] URL: http://phonelookupus.com/who-called
Footprint reconnaissance for (717) 9539
[+] URL: http://www.buzzfile.com/business/Ra
[+] URL: https://www.whitepages.com/phone/1-
[+] URL: https://safer.fmcsa.dot.gov/query.a
[+] URL: https://www.manta.com/c/mtmr6yw/rau
[+] URL: https://www.kw.com/kw/agent/9539r
Footprint reconnaissance for (717) 9539
Footprint reconnaissance for (717) 9539
[+] URL: http://phonelookupus.com/who-called
Footprint reconnaissance for (717) 9539
[+] URL: http://www.buzzfile.com/business/Ra
[+] URL: https://www.whitepages.com/phone/1-
[+] URL: https://safer.fmcsa.dot.gov/query.a
[+] URL: https://www.manta.com/c/mtmr6yw/rau
[+] URL: https://www.kw.com/kw/agent/9539r
Footprint reconnaissance for (717) 9539
[*] Running OSINT footprint reconnaissance..
[i] Generating scan URL on 411.com...
[+] Scan URL: https://www.411.com/phone/1-71
```

Would you like to use an additional format f

```
[i] ---- Web pages footprints ----
[i] Searching for footprints on web pages...
[+] Result found: https://www.reverse-lookup
[+] Result found: https://www.revealname.com
[+] Result found: https://who-called.biz/sta
[+] Result found: http://v-postal-cn.com/pho
[+] Result found: http://www.jihaoba.com/hao
[+] Result found: http://sm.cidu.net/gujialo
[+] Result found: https://review-call.com/17
[+] Result found: https://number-review.com/
[+] Result found: https://fast-scan.com/1717
[i] Searching for documents... (limit=10)
[i] ---- Reputation footprints ----
[i] Searching for reputation report on whose
[i] Searching for phone fraud footprints...
[i] Searching for reputation report on findw
[i] Searching for reputation report on yello
[i] Searching for reputation report on phone
[i] Searching for reputation report on who-c
[i] Searching for reputation report on uspho
[i] Searching for reputation report on whoca
[i] Searching for reputation report on quinu
[i] Searching for reputation report on uk.po
[i] Generating URL on scamcallfighters.com..
[+] http://www.scamcallfighters.com/search-p
```

Would you like to search for temporary numbe

```
[i] ---- Social media footprints ----
[i] Searching for footprints on facebook.com
[i] Searching for footprints on twitter.com.
```

```
[i] Searching for footprints on linkedin.com
[i] Searching for footprints on instagram.co
[i] ---- Phone books footprints ----
[i] Generating URL on True People...
[+] https://www.truepeoplesearch.com/results
[i] Searching for footprints on numinfo.net.
[i] Searching for footprints on sync.me...
[i] Searching for footprints on whocallsyou.
[i] Searching for footprints on pastebin.com
[i] Searching for footprints on whycall.me..
[i] Searching for footprints on locatefamily
[i] Searching for footprints on spytox.com..

Would you like to rerun OSINT scan ? (e.g to

[i] Scan finished.
```

Sometimes, this tool can get you temporarily blacklisted from Google searches because of the way it's programmed. It's annoying [but easily resolved](#) with a Google abuse exemption, detailed at the end of the video above.

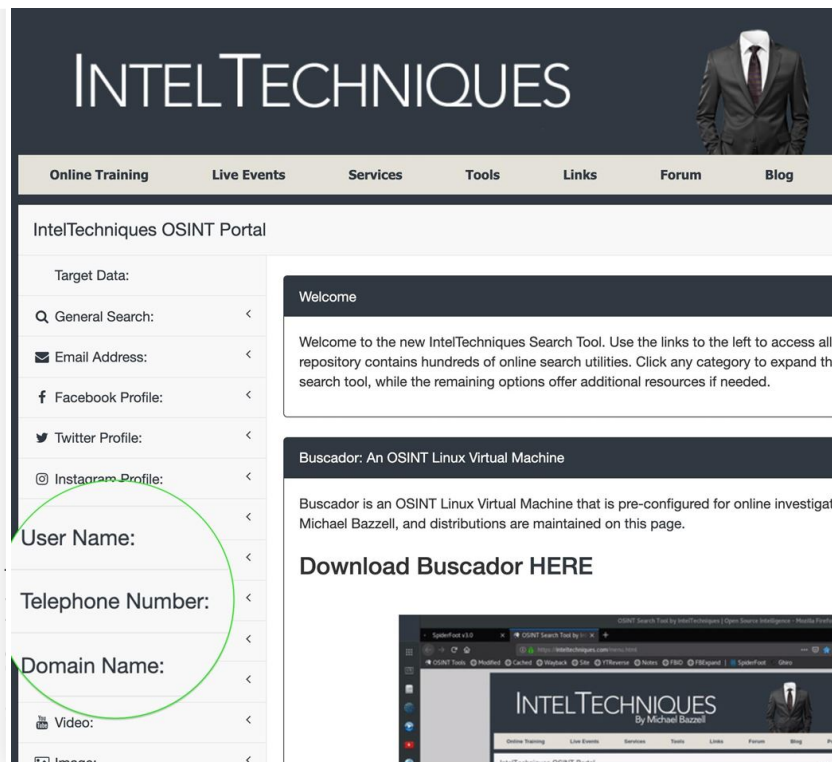
- **Don't Miss:** [Uncover Hidden Subdomains to Reveal Internal Services](#)

As you can see above, there are lots of links to dive into, and right away the name and business associated with the phone number are available in the output.



### Step 3 Access the IntelTechniques OSINT Portal

Now, let's concentrate on the web tools that are free on Bazzel's website since they're a little bit easier to work with than with the command line tool above. To follow along, you can go to [inteltechniques.com/menu.html](https://inteltechniques.com/menu.html), then click on the "Telephone Number" tab.



As you can see, it's a healthy mix of people-searching tools, phonebook directories, scam reporting websites, and social media connections. These are free, public resources combined into one easy-to-use search tool, allowing anyone with a browser and internet connection to begin researching who is on the other end of a phone number.

IntelTechniques OSINT Portal

Target Data:

General Search:

Email Address:

Facebook Profile:

Twitter Profile:

Instagram Profile:

Real Name:

User Name:

Telephone Number:

Telephone Search Tool

Telephone Resources

Domain Name:

IP Address:

Video:

Image:

Documents:

Business:

Community:

Location:

Online Resources:

Software:

Public Records:

OSINT Flow Charts:

USA Telephone Search Tool

6185551212Populate All

6185551212OpenCNAM

6185551212True People

6185551212Fast People

6185551212BackgroundCheck

6185551212Pipl

6185551212Spytox

6185551212PhoneBook

6185551212IvyCall

6185551212PhoneSearch

6185551212411

6185551212USPhone

6185551212WP Plus

6185551212Thats Them

6185551212True Caller

6185551212Sync.me

6185551212WhoCallsMe

6185551212ZabaSearch

6185551212DexKnows

6185551212PhoneOwner

6185551212OK Caller

6185551212SearchBug

6185551212Histor

1994:

1995:

1996:

1997:

1998:

2001:

2002:

2003:

2007:

2008:

2013:

2014:

2018:

6185551212Submit All

Phone #Pipl API KeySubmitPiplAPI

Search Engine All-In-One:

6185551212six one eightfour six twoeight two five threeSubmit

International Search Engine all-In-One:

Country CodeCity CodeNumberNumberSubmit

Cellular Voicemail Identification:

Verizon:Confirmation Link0:00 / 0:15

T-Mobile:Confirmation Link0:00 / 0:07

Sprint:Confirmation Link0:00 / 0:09

AT&T:Confirmation Link0:00 / 0:06

Sudo:0:00 / 0:04

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PDFCROWD























We can input a number into each tool one by one, but the easiest way is to enter the number into the field at the top, and click "Populate All."

- **Don't Miss:** [Use SpiderFoot for OSINT Gathering](#)

## Step 4 Search a Phone Number on IntelTechniques

In the search tool, enter the number into the field next to the "Populate All" button, then click the button to auto-populate the number into the rest of the fields. Next, select "Submit All" under the list of services to run all searches on the phone number. All of the services will open up in different tabs or pop-ups with

the search already submitted (you may need to allow pop-ups in your browser).

 Email Address:	<	717		9539
 Facebook Profile:	<	717		9539
 Twitter Profile:	<	717		9539
 Instagram Profile:	<	717		9539
 Real Name:	<	717		9539
 User Name:	<	717		9539
 Telephone Number:	<	717		9539
Telephone Search Tool		717		9539
Telephone Resources		717		9539
 Domain Name:	<	717		9539
 IP Address:	<	717		9539
 Video:	<	717		9539

## Step 5 Search Results for Clues & Patterns

Now, check out some of the resources loaded from the search. Here, some of the people searching services have turned our phone number into a name.



717- -9539

ThatsThem / Area Codes / 717 / / 9539

Showing 1 result for:

717- -9539

Phone Location PA

Telephone Company Sprint Spectrum

Line Type Mobile

Alternate Forms (717) -9539, 7

**Paul Rauch** ♂

18-24 25-34 35-44 45-54 55-64 65-7

Get Background Report For Paul

Sponsored by BeenVerifi

Phone Number 717- -9539

Estimated Net Worth \$250,000

Email Address

Estimated Income \$75,000 -

Length of Residence 11 Years

Education Not Availc

Household Size 1 Person

Occupation Craftsme

IP Address Not Available

Language English



Wealth Score 1

Green Score 1


Donor Score 1

Travel Score 1

Tech Score 1

Shopping Score 1

address, and business name, everything we need to verify whether a business exists.


 FastPeopleSearch

717- -9539

1 record found for 717- -9539

Current Spam/Fraud Potential: **SAFE**

Is 717- -9539 a Safe Caller? **REPORT SPAM**

 **Rauch**

Lives in:

Used to live:

AKA:

Related to: • •

Businesses: RAUCH

**VIEW FREE DETAILS**

## Data

To check out the information we found, we should look for some primary source information that backs up our discovery. In our case, the best database to search is the Department of State business database for the state we discovered the business in. Here, we were able to pull a valid business listing, one which matches the address we previously found. It appears the person behind the online advertisement is honest — they are a licensed professional after all.

[Corporations ▾](#)[Search Business Entities](#)[Search UCC Transactions](#)[Contact Corporations](#)[Search entity](#) / **Select entity** / [Order documents](#)

## Select Business Entity

Search Results for term **RAUCH** type: *Starting with*Show  entries

Filter Records

Business Entity Name	Name Type	Address	Entity Number	Entity Type
----------------------------	--------------	---------	------------------	----------------

<a href="#">Rauch</a>	Current Name			Limited Liability Company
-----------------------	-----------------	--	--	---------------------------------

Showing 1 to 1 of 1 entries

**Please click on an entity name or number for viewing details**[<< Back to Search](#)[PRIVACY POLICY](#)[SECURITY POLICY](#)[AGENCIES](#)

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## Phone Numbers Can Tie Everything Together

As a starting point, a phone number can provide everything you need to locate information about a target. With tools like Phoneinfoga, you can quickly discover whether a phone number is a throwaway or a legitimate number. If the number is real, the IntelTechniques website tools can piece together clues to build a picture of the person behind the phone number, sometimes quite literally.

With the right tools, a single phone number can lead you from clue to clue, piecing together everything you need to learn about a target.

I hope you enjoyed this guide to using phone numbers in an OSINT investigation! If you have any questions about this tutorial on phone number recon, or if you have a comment, ask below or feel free to reach me on Twitter [@KodyKinzie](#).

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Don't Miss: [How to Use Maltego to Research & Mine Data Like an Analyst](#)

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HOW TO

Use the Buscador OSINT VM for  
Conducting Online Investigations



HOW TO

Use Maltego to Fingerprint  
Network Using Only a Domain

## 13 Comments



1 NFECRED  
LAST MONTH

1



i am getting these erros both kali and windows

```
C:\x>phoneinfoga.py -v
Traceback (most recent call last):
  File "C:\x\phoneinfoga.py", line 21, in <module>
    from scanners.footprints import osintScan
  File "C:\x\scanners\footprints.py", line 12, in <module>
    from lib.googlesearch import search
  File "C:\x\lib\googlesearch.py", line 14, in <module>
    from config import *
ModuleNotFoundError: No module named 'config'
```

REPLY



OVERFLOWWWW  
LAST MONTH

1





cp config.example.py config.py

← REPLY



U53R\_NOBODY

LAST MONTH

1



thanks for the solution for this error

← REPLY



THE WARLOCK

LAST MONTH

1



Same problem occuring in my machine. please help if you get solution.

← REPLY



DARREN MULLER

1 WEEK AGO

1



I got the same then used pip install config and it worked but now i get NameError: name 'googleapikey' is not defined

← REPLY



AHACKER ZONE

LAST MONTH

1



Thank you for the post . works well.

REPLY



CALLME VIRUS  
LAST MONTH

1



but all above methods are not able to find information of indian number. so plz anyone help me.....

REPLY



WYLDE MELODY  
4 WEEKS AGO

1



india is a backward country.....go to that recharge wale bhaiya and ask info about victim...lol

REPLY



ABHINAY REDDY  
LAST MONTH

1



the tools whiuch u r ginven website is not working

REPLY



SELENA JAMES  
LAST MONTH

1



Yes, I also tried, That tool is not working.

REPLY

1





WYLDE MELODY  
4 WEEKS AGO

**IntelTechniques OSINT Portal** this website is not working and not accepting registration of new users,,,,,,plz help

REPLY



DARREN MULLER  
1 WEEK AGO

1



I get NameError: name 'googleapikey' is not defined

REPLY



LAYKEN GOMBEDA  
13 HOURS AGO

1



When I type the commands to search the number it asks for an additional format and if I type no it brings a bunch of errors and if I type yes it will let me put a extra format

REPLY

Share Your Thoughts



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LOGIN TO COMMENT

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