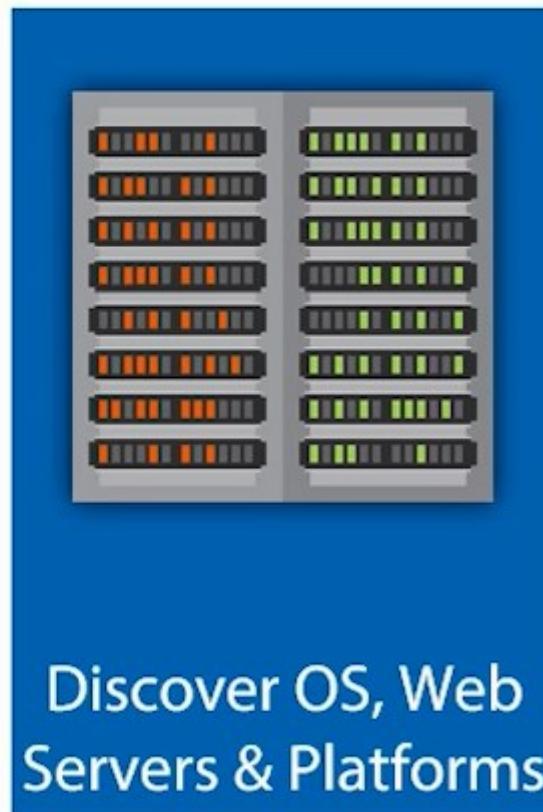


# Reconnaissance\_Footprinting

# What is Reconnaissance?



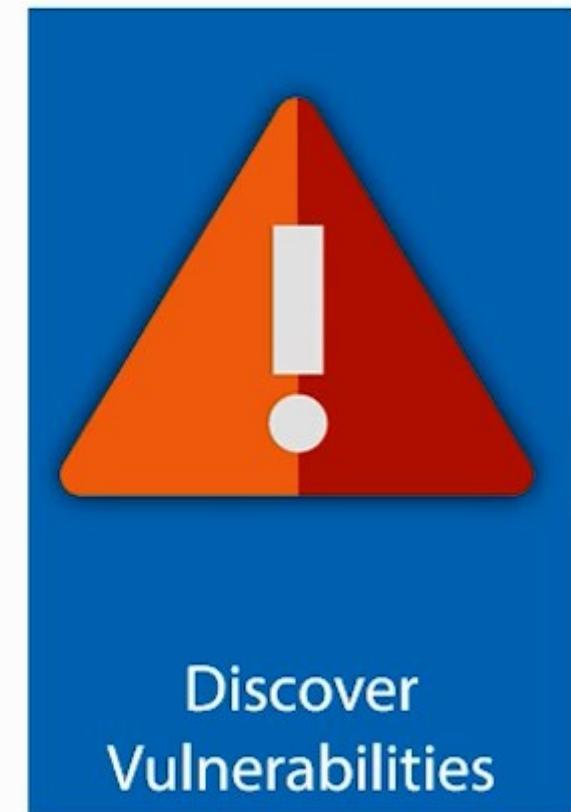
Collect Elementary  
Intel



Discover OS, Web  
Servers & Platforms



Perform Queries



Discover  
Vulnerabilities

# Types of Recon

Passive

Active

Anonymous

---

# Goals of Recon

---

# What Am I Looking For?

## Network Information

- ❑ Domain Names
- ❑ Internal Domains
- ❑ IP Addresses
- ❑ Unmonitored/Private Websites
- ❑ TCP/UDP Services
- ❑ IDS/Access Controls
- ❑ VPN Info
- ❑ Phone Numbers/VoIP

## Operating System Information

- ❑ User & Group Names/Info
- ❑ Banner Grabbing
- ❑ Routing Tables
- ❑ SNMP
- ❑ System Architecture
- ❑ Remote Systems
- ❑ System Names
- ❑ Passwords

---

# Tools of Recon

---

# Hundreds of Tools

Search engines

Websites

Applications and  
built-in commands



# Where to Start?

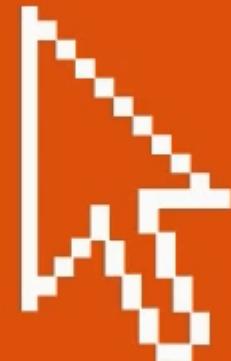
- ❑ Search engines
- ❑ Websites
- ❑ Whois
- ❑ PING & DNS

# Using Search Engines

Looking up info about website/target

Looking up URL paths

Not settling on first page of results



# HACK THIS SITE.ORG

[\[Advertise With HackThisSite.org\]](#)

For God hates utterly The bray of bragging tongues.

You are browsing  
HackThisSite over SSL

Login (or Register):

[Lost Your Password?](#)[Donate](#) \$ DONATE

HTS costs up to \$300 a month to operate. We need your help!

## Challenges

Basic missions

Realistic missions

Application missions

Programming missions

Phonephreaking missions

Javascript missions

Forensic missions

Extbasic missions

Stego missions

Irc missions

## Get Informed

[Blogs](#)[News](#)[Articles](#)

Hack This Site is a free, safe and legal training ground for hackers to test and expand their hacking skills. More than just another hacker wargames site, we are a living, breathing community with many active projects in development, with a vast selection of hacking articles and a huge forum where users can discuss hacking, network security, and just about everything. Tune in to the hacker underground and get involved with the project.

First timers should read the [HTS Project Guide](#) and create an account to get started. All users are also required to read and adhere to our [Legal Disclaimer](#). Get involved on our IRC server: irc.hackthissite.org SSL port 7000 #hackthissite or our [web forums](#).

### NOW PLAYING ON OFFLINE:

&gt; Unknown - Unknown (kbps, listeners)

### LATEST FORUM POSTS:

Please login to see this feature.

### 25/01/15: HTS Reflects on U.S. State of the Union

### STAFF BLOGS / SHORT NEWS:

[news Security News - Marc...](#)[blog Metasploit Unleashed](#)[news \[UPDATE\] CDN TLS Cer...](#)[news Happy new year!](#)[blog POSITION FILLED](#)

### LATEST ARTICLES:

[Java Basics](#)[Java Platform](#)[GNU/Linux: A Short Story](#)[Solving Programming & The AI...](#)[jQuery Selectors & Basic...](#)

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**HACK THIS SITE**  
**STORE**

**hack** **This** **zive**

### CONTRIBUTE:

[IRC - Chat](#)[Forums - Discussion](#)

### LATEST IRC LINES:

Please login to see this feature.



hackthissite

Google

الأدوات الإعدادات المزيد الكتب الأخبار صور فيديو الكل

حوالي 325.000 من النتائج (عدد الثواني: 0,36)

## Hack This Site!

ترجم هذه الصفحة ▾ <https://www.hackthissite.org/>

**HackThisSite!** is a legal and safe network security resource where - 2018/12/27 users test their hacking skills on various challenges and learn about hacking ...

### About the Project

This guide is an introduction to the site, community, philosophy and ...

### User/login

HackThisSite! is a legal and safe network security resource ...

### Register

Notice to Microsoft Mail Users. We are receiving reports of mail ...

### Forums

HackThisSite: Topics: Posts: Last post. News News and Updates ...

### HTS

First timers should read the HTS Project Guide and create an ...

### Lost Your Password?

You will find a link that allows you to reset your password. That link ...

[الأدوات](#)[الإعدادات](#)[المزيد](#)[خرائط](#)[الأخبار](#)[صور](#)[فيديو](#)[كل](#)

حوالي 308.000 من النتائج (عدد الثواني: 0,38)



## ليبيانا شركة

ليبيانا للهاتف المحمول هي شركة اتصالات عبر الهاتف المحمول تم تأسيسها سنة 2004. ليبيانا هي إحدى اثنين من شركات الاتصالات في ليبيا ومملوكة من طرف الشركة الليبية للبريد والاتصالات وتقنية المعلومات القابضة. [ويكيبيديا](#)

**المؤسسة الأم:** [الشركة الليبية للبريد والاتصالات وتقنية المعلومات القابضة](#)

التأسيس: يناير 2004

المقر الرئيسي: [طرابلس](#)

عدد الموظفين: 800

عرض 5+ أخرى

يبحث الأشخاص أيضًا عن



### الاستعلام عن الأرقام المميزة

الاستفسار عن الأرقام المميزة. الصفحة الرئيسية . الدعم ...

### Libyana

ليبيانا . نبذة عن شركة ليبيانا . فريق ليبيانا . اتصل بنا ...

### انترنت

باقات الانترنت : تتمتع بباقات الانترنت الجديدة ومميزاتها من ...

### Libyana

▼ <https://www.libyana.ly/>

المدن المفطحة بخدمة ليبيانا . 49+. فريقيا . 1500+. مراكزنا . 34+. مشتركيها . 5000000+. آخر الأخبار والأحداث . عقد اتفاق رعاية البطل الليبي العالمي كمال القرقني . 02/01/...

### كروت التعبئة المكشوفة

الصفحة الرئيسية . الدعم والمساعدة ; كروت التعبئة المكشوفة . في حال ...

### باقات الجيل الرابع

باقات الجيل الرابع . يمكنك الاشتراك في باقى 7 جيجابايت و 10 ...

### الحصول على رمز PUK

الصفحة الرئيسية . الدعم والمساعدة ; الحصول على رقم ال PUK . يرجى ...

[مزيد من النتائج من « libyana.ly »](#)



# Using Websites

Targets website

Research website

Things on a website that make you go  
hmmmmm



www.r



High Speed Search:  **GO**

# SHREDDED INTERNET

| Home | Coverage | Residential | Business | Signup |

**Click here to read the letter mailed to all our current customers!**

Techsupport Note:

We have recently upgraded our Email Server! If any of our customers are having trouble Sending email please refer to the [Help for Sending Email](#) link.

For new customer sign up please visit our website  
[\[REDACTED\]](#)

or call us toll free.  
[\[REDACTED\]](#)

**Quick Links**

- [\[REDACTED\]](#)
- [Webmail](#)
- [\[REDACTED\]](#)
- [Webmail Login for Hosted/Private Domains](#)
- [Email HowTo's](#)
- [Help for Sending Email](#)
- [Outlook 2003 setup](#)
- [Outlook Express setup](#)

[Is Your PC Healthy?](#)

[What is a PC Virus?](#)

[What is Spyware?](#)

[What is Adware?](#)

[Virus & Spyware Protection Tools](#)

[AVG anti-virus](#)

[MS Windows® Defender;](#)

[Ad-Aware](#)

[Spybot Search & Destroy](#)

[Global internet Traffic Report](#)

[Remote Assistance](#)



**SOLUTIONS...**

New Service Options

- [Site Survey Signup](#)
- [Prequalify](#)
- [Contact F](#)

Customer Plans

- [Residential](#)
- [Business](#)

Your broadband Internet has to be fast, reliable and able to meet your growing demands. We have invested over \$200 million to create the next evolution in connectivity – *The Network*. Engineered with one goal in mind, to provide you with the best Broadband Internet choice. We are the largest Digital Fixed Wireless network in the country.

Call today to get connected

CLICK HERE

## Broadband Wonders: Five Netflix-Only Shows to Check Out

October 1, 2014



Netflix has gained considerable traction as a video streaming application across America. Allowing you to watch a number of shows and movies via a broadband connection for a monthly fee is just too good to

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## Wireless Internet Wonders: Samsung's New Curved TV – What The Experts Are Saying

September 24, 2014



Television technologies have exploded in the last decade. From flat-screens to high definition TVs to Smart TV, innovation in the industry has not ceased. Ever since January of this year, yet another innovation can be

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ـ العلاقات مع المساهمين ـ المركز الإعلامي ـ وظائف ـ التمكّن والأدوات ـ إتصل بنا English

سجّل دخول الموظفين

ابحث في موقعنا

ـ خدمة الزائرين ـ من نحن ـ كيف تتعامل معنا ـ الشركات ـ الأفراد



# Using Whois

Domain name info (IP address, owner, expiration)





PROFILE ▾

CONNECT ▾

MONITOR ▾

SUPPORT

LOGIN

Sign Up

# Whois Lookup

Enter a domain or IP address...

Search

Get better, more in-depth data when you become a member

Learn how DomainTools takes indicators from your network, including domains and IPs, and connects them with nearly every active domain on the internet. These connections help security professionals profile attackers, guide online fraud investigations, and map cyber activity to attacker infrastructure.

Personal

Enterprise

[Home](#) > [Whois Lookup](#) > [HackThisSite.org](#)

## Whois Record for HackThisSite.org

### — Domain Profile

Registrant Org Whois Privacy Protection Service, Inc.

Registrant Country us

Registrar eNom, Inc.

IANA ID: 48

URL: <http://www.enom.com>

Whois Server: whois.enom.com

abuse@enom.com

(p) 14252982646

Registrar Status clientTransferProhibited

Dates 5,784 days old

Created on 2003-08-10

Expires on 2019-08-10

Updated on 2019-04-16

Name Servers C.NS.BUDDYNS.COM (has 11,808 domains)

F.NS.BUDDYNS.COM (has 11,808 domains)

G.NS.BUDDYNS.COM (has 11,808 domains)

H.NS.BUDDYNS.COM (has 11,808 domains)

J.NS.BUDDYNS.COM (has 11,808 domains)

Tech Contact —

IP Address 137.74.187.100 - 3 other sites hosted on this server

IP Location - Hauts-de-france - Roubaix - Ovh Sas

ASN AS16276 OVH, FR (registered Feb 15, 2001)

Domain Status Registered And Active Website

— Website

Website Title	 500 SSL negotiation failed:	
Response Code	500	
Terms	1,017 (Unique: 523, Linked: 275)	
Images	32 (Alt tags missing: 7)	
Links	148 (Internal: 112, Outbound: 36)	

Whois Record ( last updated on 2019-06-11 )

```
Domain Name: HACKTHIS SITE.ORG
Registry Domain ID: D99641092-LROR
Registrar WHOIS Server: whois.enom.com
Registrar URL: http://www.enom.com
Updated Date: 2019-04-17T04:42:11Z
Creation Date: 2003-08-10T15:01:25Z
Registry Expiry Date: 2019-08-10T15:01:25Z
Registrar Registration Expiration Date:
Registrar: eNom, Inc.
Registrar IANA ID: 48
Registrar Abuse Contact Email: abuse@enom.com
Registrar Abuse Contact Phone: +1.4252982646
Reseller:
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Registrant Organization: Whois Privacy Protection Service, Inc.
Registrant State/Province: WA
Registrant Country: US
Name Server: C.NS.BUDDYNS.COM
Name Server: F.NS.BUDDYNS.COM
Name Server: G.NS.BUDDYNS.COM
Name Server: H.NS.BUDDYNS.COM
Name Server: J.NS.BUDDYNS.COM
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form https://www.icann.org/wicf/)

For more information on Whois status codes, please visit https://icann.org/epp
```



---

ABOUT

ACCOUNTABILITY

INTERNET GOVERNANCE

TECHNICAL COORDINATION

POLICY

DOCUMENTS

---

SEARCH

Search

SEARCH

[NRO Executive Council](#)

[NRO EC Meeting Minutes](#)

[Regional Internet Registries](#)

[The Internet Registry System](#)

[RIR History](#)

[Internet Number Resources](#)

[IPv6](#)

[IPv6 Deployment FAQs](#)

[IPv4 Exhaustion FAQs](#)

## About the NRO

The Number Resource Organization (NRO) was established in 2003 as a coordinating body for the world's five Regional Internet Registries (RIRs).

The RIRs manage the distribution of Internet number resources (IP address space and Autonomous System Numbers) within their respective regions.

### Mission

The mission of the NRO is to actively contribute to an open, stable and secure Internet, through:

- Providing and promoting a coordinated Internet number registry system.
- Being an authoritative voice on the multi-stakeholder model and bottom-up policy process in Internet governance.
- Coordinating and supporting joint activities of the RIRs.

### Executive Council

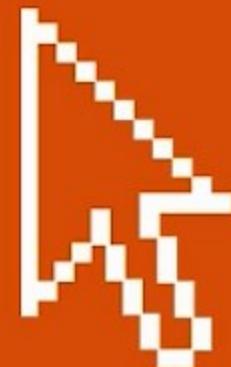
The CEOs/Directors of the five RIRs form the NRO Executive Council (NRO EC). The positions of Chair, Vice Chair/Secretary and Treasurer rotate annually.

```
root@kali:~# whois hackthissite.org
Domain Name: HACKTHISSITE.ORG
Registry Domain ID: D99641092-LR0R
Registrar WHOIS Server: whois.enom.com
Registrar URL: http://www.enom.com
Updated Date: 2019-04-17T04:42:11Z
Creation Date: 2003-08-10T15:01:25Z
Registry Expiry Date: 2019-08-10T15:01:25Z
Registrar Registration Expiration Date:
Registrar: eNom, Inc.
Registrar IANA ID: 48
Registrar Abuse Contact Email: abuse@enom.com
Registrar Abuse Contact Phone: +1.4252982646
Reseller:
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Registrant Organization: Whois Privacy Protection Service, Inc.
Registrant State/Province: WA
Registrant Country: US
Name Server: C.NS.BUDDYNS.COM
Name Server: F.NS.BUDDYNS.COM
Name Server: G.NS.BUDDYNS.COM
Name Server: H.NS.BUDDYNS.COM
Name Server: J.NS.BUDDYNS.COM
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form https://www.icann.org/wicf/)
>>> Last update of WHOIS database: 2019-06-12T05:46:25Z <<<
For more information on Whois status codes, please visit https://icann.org/epp
```

# Using PING & DNS

PING: your best friend

DNS: using NSLOOKUP



```
Ping statistics for 198.148.81.139:  
    Packets: Sent = 1, Received = 1, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 86ms, Maximum = 86ms, Average = 86ms  
  
C:\>ping www.hackthissite.org -i 13 -n 1  
  
Pinging www.hackthissite.org [198.148.81.135] with 32 bytes of data:  
Reply from 198.148.81.135: bytes=32 time=149ms TTL=55  
  
Ping statistics for 198.148.81.135:  
    Packets: Sent = 1, Received = 1, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 149ms, Maximum = 149ms, Average = 149ms  
  
C:\>ping www.hackthissite.org  
  
Pinging www.hackthissite.org [198.148.81.135] with 32 bytes of data:  
Reply from 198.148.81.135: bytes=32 time=86ms TTL=55  
Reply from 198.148.81.135: bytes=32 time=87ms TTL=55  
Reply from 198.148.81.135: bytes=32 time=86ms TTL=55  
Reply from 198.148.81.135: bytes=32 time=99ms TTL=55  
  
Ping statistics for 198.148.81.135:  
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
    Minimum = 86ms, Maximum = 99ms, Average = 89ms
```

```
C:\>nslookup yahoo.com
Server: google-public-dns-a.google.com
Address: 8.8.8.8
```

```
Non-authoritative answer:
Name: yahoo.com
Addresses: 206.190.36.45
          98.139.183.24
          98.138.253.109
```

```
C:\>nslookup
Default Server: google-public-dns-a.google.com
Address: 8.8.8.8
```

```
> yahoo.com
Server: google-public-dns-a.google.com
Address: 8.8.8.8
```

```
Non-authoritative answer:
Name: yahoo.com
Addresses: 98.139.183.24
          98.138.253.109
          206.190.36.45
```

```
> sears.com
Server: google-public-dns-a.google.com
Address: 8.8.8.8
```

```
Non-authoritative answer:
Name: sears.com
Addresses: 184.25.56.124
          184.25.56.114
```

```
> www.hackthissite.org
Server: google-public-dns-a.google.com
Address: 8.8.8.8
```

Non-authoritative answer:

```
Name: www.hackthissite.org
Addresses: 2610:150:8007:0:198:148:81:136
           2610:150:8007:0:198:148:81:135
           2610:150:8007:0:198:148:81:138
           2610:150:8007:0:198:148:81:137
           2610:150:8007:0:198:148:81:139
           198.148.81.138
           198.148.81.136
           198.148.81.139
           198.148.81.135
           198.148.81.137
```

```
> set type=mx
```

```
> hackthissite.org
Server: google-public-dns-a.google.com
Address: 8.8.8.8
```

Non-authoritative answer:

```
hackthissite.org      MX preference = 10, mail exchanger = ASPMX.L.GOOGLE.COM
hackthissite.org      MX preference = 20, mail exchanger = ALT1.ASPMX.L.GOOGLE.COM
hackthissite.org      MX preference = 20, mail exchanger = ALT2.ASPMX.L.GOOGLE.COM
hackthissite.org      MX preference = 30, mail exchanger = ASPMX2.GOOGLEMAIL.COM
hackthissite.org      MX preference = 30, mail exchanger = ASPMX3.GOOGLEMAIL.COM
hackthissite.org      MX preference = 30, mail exchanger = ASPMX4.GOOGLEMAIL.COM
hackthissite.org      MX preference = 30, mail exchanger = ASPMX5.GOOGLEMAIL.COM
```

```
> set type=a
```

```
> alt1.aspmx.l.google.com
Server: google-public-dns-a.google.com
Address: 8.8.8.8
```

Non-authoritative answer:

```
Name: alt1.aspmx.l.google.com
Address: 173.194.74.27
```

```
> set type cname  
> hackthissite.org  
Server: google-public-dns-a.google.com  
Address: 8.8.8.8  
  
hackthissite.org  
    primary name server = ns1.hackthissite.org  
    responsible mail addr = admin.hackthissite.org  
    serial = 2014042002  
    refresh = 10800 (3 hours)  
    retry = 3600 (1 hour)  
    expire = 604800 (7 days)  
    default TTL = 300 (5 mins)
```

```
> set type soa  
> hackthissite.org  
Server: google-public-dns-a.google.com  
Address: 8.8.8.8  
  
Non-authoritative answer:  
hackthissite.org  
    primary name server = ns1.hackthissite.org  
    responsible mail addr = admin.hackthissite.org  
    serial = 2014042002  
    refresh = 10800 (3 hours)  
    retry = 3600 (1 hour)  
    expire = 604800 (7 days)  
    default TTL = 300 (5 mins)
```

```
> server 198.148.81.188
Default Server: dns.hackthissite.org
Address: 198.148.81.188

> set type=any
> ls -d hackthissite.org
[dns.hackthissite.org]
*** Can't list domain hackthissite.org: Query refused
The DNS server refused to transfer the zone hackthissite.org to your computer. If this
is incorrect, check the zone transfer security settings for hackthissite.org on the DNS
server at IP address 198.148.81.188.

> set type=mx
> hackthissite.org
Server: dns.hackthissite.org
Address: 198.148.81.188

hackthissite.org      MX preference = 10, mail exchanger = ASPMX.L.GOOGLE.COM
hackthissite.org      MX preference = 20, mail exchanger = ALT1.ASPMX.L.GOOGLE.COM
hackthissite.org      MX preference = 20, mail exchanger = ALT2.ASPMX.L.GOOGLE.COM
hackthissite.org      MX preference = 30, mail exchanger = ASPMX2.GOOGLEMAIL.COM
hackthissite.org      MX preference = 30, mail exchanger = ASPMX3.GOOGLEMAIL.COM
hackthissite.org      MX preference = 30, mail exchanger = ASPMX4.GOOGLEMAIL.COM
hackthissite.org      MX preference = 30, mail exchanger = ASPMX5.GOOGLEMAIL.COM
hackthissite.org      nameserver = ns2.hackthissite.org
hackthissite.org      nameserver = b.ns.buddyns.com
hackthissite.org      nameserver = c.ns.buddyns.com
hackthissite.org      nameserver = d.ns.buddyns.com
hackthissite.org      nameserver = e.ns.buddyns.com
hackthissite.org      nameserver = f.ns.buddyns.com
hackthissite.org      nameserver = ns1.hackthissite.org
ns1.hackthissite.org internet address = 198.148.81.188
ns1.hackthissite.org AAAA IPv6 address = 2610:150:8007:0:198:148:81:188
ns2.hackthissite.org internet address = 198.148.81.189
ns2.hackthissite.org AAAA IPv6 address = 2610:150:8007:0:198:148:81:189
```

# Looking at Job Site

Change your view of the information

Look at historical data

Other Job Sites



M SharePoint Administ × in Jobs Home | LinkedIn × https://www.linkedin.com/job/home?trk=nav\_responsive\_sub\_nav\_jobs

in Search for people, jobs, companies, and more... Advanced

Home Profile Connections Jobs Interests Business Services Try Premium for free

Jobs Windows Server 2008 Search Advanced search

Jobs you may be interested in Preferences:

What location(s) would you like to work in?

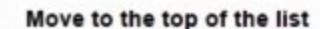
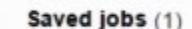
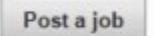
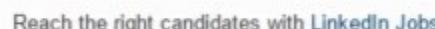
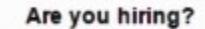
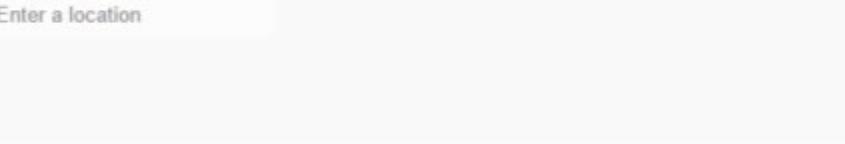
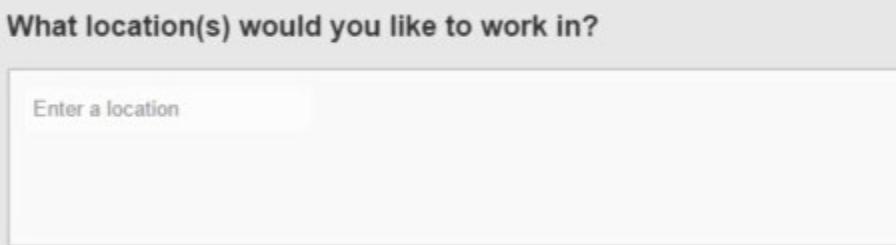
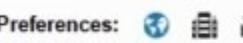
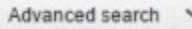
Enter a location

Next Close

Are you hiring? Reach the right candidates with LinkedIn Jobs Post a job

Saved jobs (1)

Move to the top of the list Get special placement as a featured applicant



# Using NetCraft

Understanding NetCraft

Discover target's external servers

Detect OS and apps



→ C H toolbar.netcraft.com/site\_report?url=http://www.hackthissite.org

- + Top Reporters
- + Incentives for reporters
- + Phishiest TLDs
- + Phishiest Countries
- + Phishiest Hosters
- + Phishing Map
- + Takedown Map
- + Most Popular Websites
- + Branded Extensions
- + Tell a Friend

### Phishing & Fraud

- + Phishing Site Feed
- + Hosting Phishing Alerts
- + SSL CA Phishing Alerts
- + Registry Phishing Alerts
- + Domain Registration Risk
- + Bank Fraud Detection
- + Phishing Site Countermeasures

### Extension Support

- + FAQ
- + Glossary
- + Contact Us
- + Report a Bug

### Tutorials

- + Installing the Extension
- + Using the Extension
- + Getting the Most
- + Reporting a Phish

### About Netcraft

<b>Description</b>	HackThisSite! is a legal and safe network security resource where users test their hacking skills on various challenges and learn about hacking and network security. Also provided are articles, comprehensive and active forums, and guides and tutorials. Learn how to hack!
<b>Keywords</b>	challenge, computer, culture, deface, digital, ethics, games, guide, hack, hack forums, hacker, hackers, hacking, hacking challenges, hacking forums, mission, net, programming, radical, revolution, root, rooting, security, site, society, tutorial, tutorials, war, wargame, wargames, web, website

### Network

<b>Site</b>	http://www.hackthissite.org	<b>Netblock Owner</b>	Sharktech
<b>Domain</b>	hackthissite.org	<b>Nameserver</b>	ns1.hackthissite.org
<b>IP address</b>	198.148.81.135	<b>DNS admin</b>	admin@hackthissite.org
<b>IPv6 address</b>	2610:150:8007:0:198:148:81:137	<b>Reverse DNS</b>	hackthissite.org
<b>Domain registrar</b>	pir.org	<b>Nameserver organisation</b>	whois.pir.org
<b>Organisation</b>	Whois Privacy Protection Service, Inc., Kirkland, 98083, US	<b>Hosting company</b>	Sharktech Internet Services
<b>Top Level Domain</b>	Organization entities (.org)	<b>DNS Security Extensions</b>	unknown
<b>Hosting country</b>	US		

### Hosting History

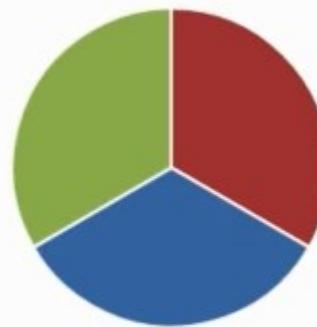
Netblock owner	IP address	OS	Web server	Last seen	Refresh
Sharktech 3315 E. Russel Rd A4 112 Las Vegas NV US 89120	198.148.81.138	FreeBSD	HackThisSite Load Balancer	27-Apr-2015	
Sharktech 3315 E. Russel Rd A4 112 Las Vegas NV US 89120	198.148.81.137	FreeBSD	HackThisSite Load Balancer	26-Apr-2015	
Sharktech 3315 E. Russel Rd A4 112 Las Vegas NV US 89120	198.148.81.135	FreeBSD	HackThisSite Load Balancer	25-Apr-2015	
Sharktech 3315 E. Russel Rd A4 112 Las Vegas NV US 89120	198.148.81.139	FreeBSD	HackThisSite Load Balancer	24-Apr-2015	
Sharktech 3315 E. Russel Rd A4 112 Las Vegas NV US 89120	198.148.81.136	FreeBSD	HackThisSite Load Balancer	23-Apr-2015	
Sharktech 3315 E. Russel Rd A4 112 Las Vegas NV US 89120	198.148.81.138	FreeBSD	HackThisSite Load Balancer	22-Apr-2015	
Sharktech 3315 E. Russel Rd A4 112 Las Vegas NV US 89120	198.148.81.139	FreeBSD	HackThisSite Load Balancer	21-Apr-2015	
Sharktech 3315 E. Russel Rd A4 112 Las Vegas NV US 89120	198.148.81.138	FreeBSD	HackThisSite Load Balancer	20-Apr-2015	
Sharktech 3315 E. Russel Rd A4 112 Las Vegas NV US 89120	198.148.81.139	FreeBSD	HackThisSite Load Balancer	17-Apr-2015	
Sharktech 3315 E. Russel Rd A4 112 Las Vegas NV US 89120	198.148.81.135	FreeBSD	HackThisSite Load Balancer	16-Apr-2015	

3 known trackers were identified.

Companies



Categories



Company	Primary Category	Tracker	Popular Sites with this Tracker
Google	Analytics	Google Analytics	<a href="http://www.ampparit.com">www.ampparit.com</a> , <a href="http://www.corriere.it">www.corriere.it</a> , <a href="http://www(chip.de">www(chip.de</a>
a.mo.bee	Advertising	Kontera	<a href="http://www.pcadvisor.co.uk">www.pcadvisor.co.uk</a> , <a href="http://www.thewindowsclub.com">www.thewindowsclub.com</a> , <a href="http://www.macworld.co.uk">www.macworld.co.uk</a>
imgur	CDN	Imgur	<a href="http://www.rislog.net">www.rislog.net</a> , <a href="http://www.smbc-comics.com">www.smbc-comics.com</a> , <a href="http://www.dasolo.info">www.dasolo.info</a>

## Site Technology

Fetched on 12th April 2015

### Server-Side

Includes all the main technologies that Netcraft detects as running on the server such as PHP.

Technology	Description	Popular sites using this technology
PHP	PHP is supported and/or running	<a href="http://www.tomshardware.com">www.tomshardware.com</a> , <a href="http://www.ilfattoquotidiano.it">www.ilfattoquotidiano.it</a> , <a href="http://www(chip.de">www(chip.de</a>
SSL	A cryptographic protocol providing communication security over the Internet	<a href="http://www.google.fr">www.google.fr</a> , <a href="http://www.google.pl">www.google.pl</a> , <a href="http://www.google.it">www.google.it</a>

### Client-Side

Includes all the main technologies that run on the browser (such as JavaScript and Adobe Flash).

Technology	Description	Popular sites using this technology
JavaScript	Open source programming language commonly implemented as part of a web browser	<a href="http://www.amazon.de">www.amazon.de</a> , <a href="http://www.google.co.uk">www.google.co.uk</a> , <a href="http://www.dpa-news.de">www.dpa-news.de</a>

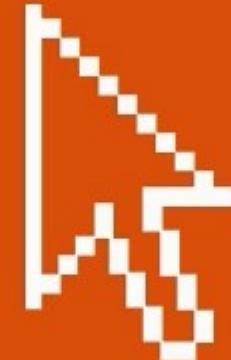
### Client-Side Scripting Frameworks

From vendor or browser software vendor's documentation or configuration file modules or Application Programming Interface (API) or standard and well-known client-side frameworks

# A Long, Long, Time Ago...

Looking at previous versions

Scanning for data





INTERNET ARCHIVE



http://

BROWSE HISTORY

456 billion web pages saved over time. [DONATE](#)



### Tools

[Wayback Machine Availability API](#)  
Build your own tools.

[WordPress Broken Link Checker](#)  
Banish broken links from your blog.

[404 Handler for Webmasters](#)



### Subscription Service

Archive-It enables you to capture, manage and search collections of digital content without any technical expertise or hosting facilities. Visit Archive-It to build and browse the collections.



### Save Page Now

[SAVE PAGE](#)

Capture a web page as it appears now for use as a trusted citation in the future.

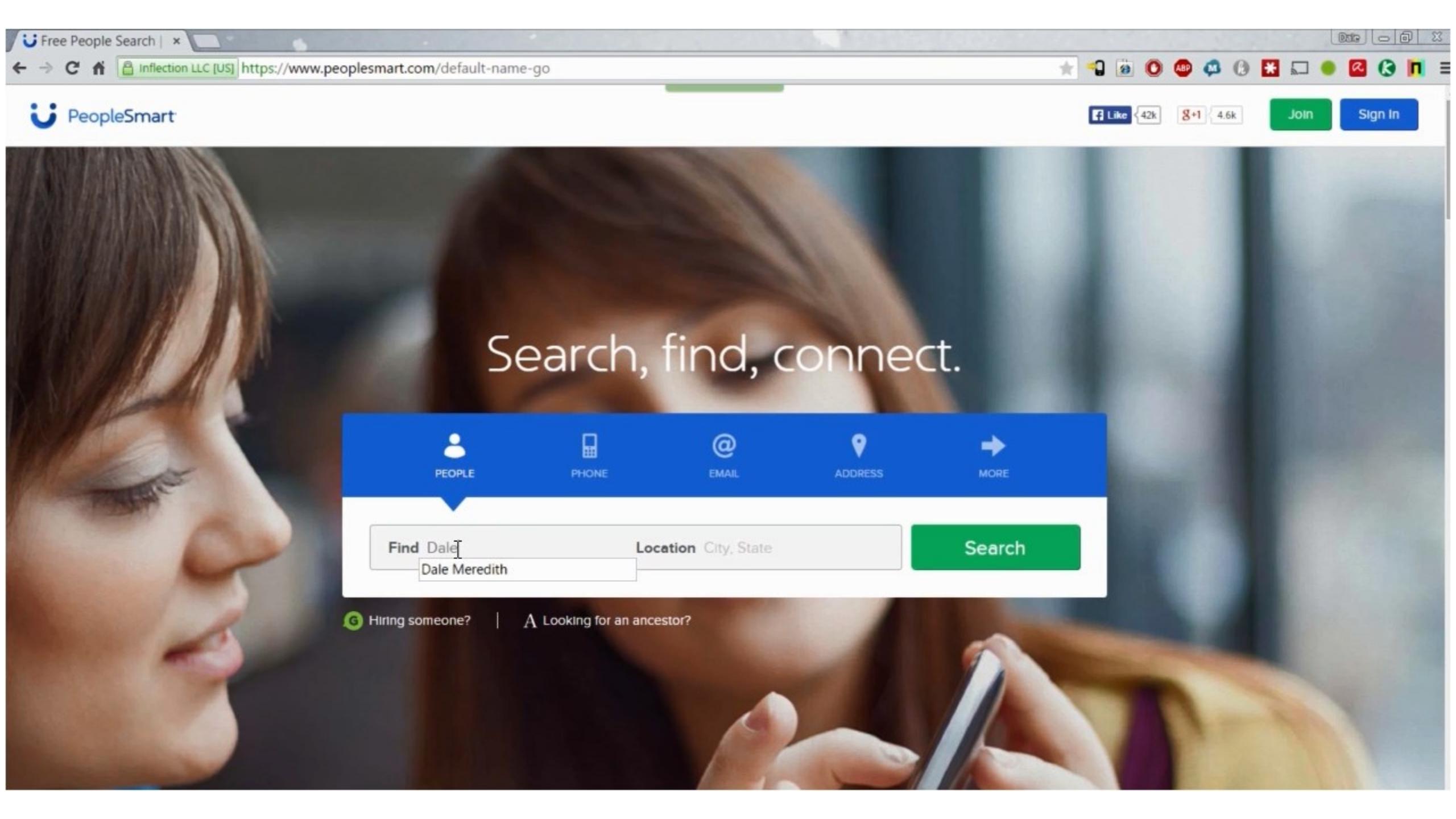
Only available for sites that allow crawlers.

# People Search

# Here's Looking at You Kid



- What are you looking for?
- What personal info can you find



Search, find, connect.



PEOPLE



PHONE



EMAIL



ADDRESS



MORE

Find

Location

City, State

Search

Dale Meredith



Hiring someone?



Looking for an ancestor?

# What More Can I Find?



- Social Sources
- Financial Sources
- Competitive Analysis
- Social Engineering
- Email

# We're Sharing Too Much!

Twitter

LinkedIn

Facebook

Google+

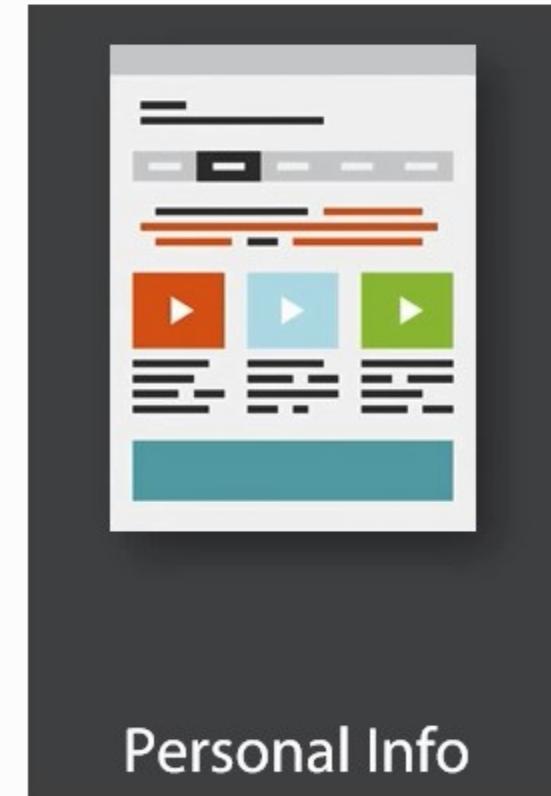
# Methods of Data Mining Social Sites



Simply...Look

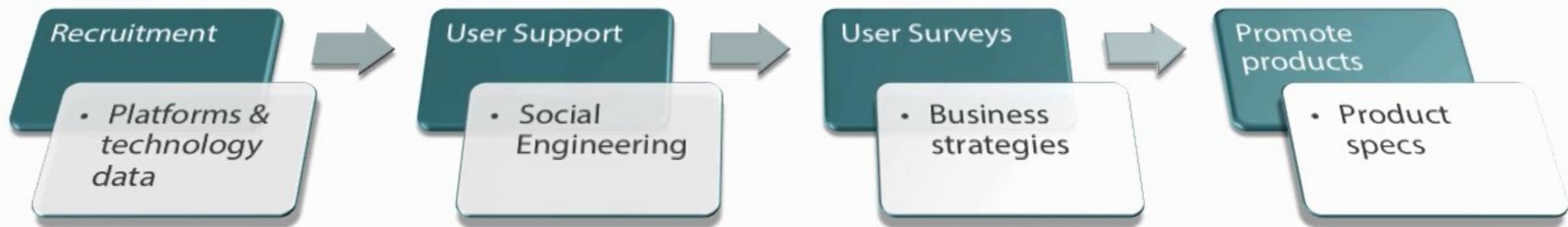


Fake ID



Personal Info

# Company: What Can Be Learned

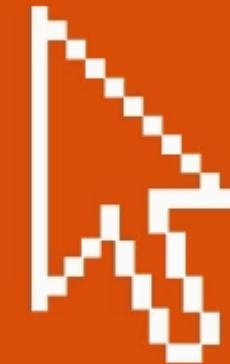


# Let's Look at Facebook

About a person

Photos

Likes



https://www.facebook.com/johnwayne/timeline

JOHN WAYNE

Dale Home 20+

Ray Austin Today at 9:27am

the quiet man

Like · Comment

Yves Gierden Today at 12:54am

Inoubliable acteur ...

Like · Comment

Kim Barnes New Yesterday at 10:43pm

John Wayne is my all time favorite actors! I try to never miss one of his movies.

Like · Comment

1914 · ② · ③

The Morrison's move West

1914 in Lancaster, California

Not long after the birth of Marion's brother, Robert, the Morrison's decided to make the move west to California. Stories indicate Marion's father developed a health ailment, and it was suggested a dry climate might help improve his condition. Clyde's father already made the trek to California, and invited his son and family to move west. Clyde decided to join him in late 1913, where he took up farming, and spent time preparing the family's homestead in the community of Lancaster, California in Antelope Valley. Molly, Marion and Robert joined Clyde in 1914. By the time the Morrison family settled in Lancaster, electricity was introduced in the valley, there was a new grammar school on Cedar Avenue, a new public library, and several paved streets. Though the family tried farming and ranching for several years, following the death of Clyde's father, the Morrison's decided to leave their first home in California behind and moved from Lancaster, California to Glendale, California.

1973  
1969  
1964  
1962  
1960  
1959  
1956  
1952  
1951  
1950  
1948  
1947  
1944  
1939  
1933  
1930  
1928  
1925  
1921  
1916  
1914

59 people like this.

Write a comment...

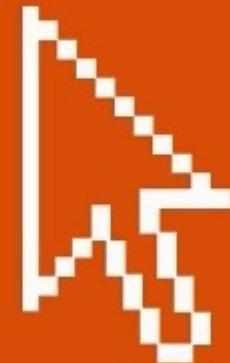
# Looking at Linkedin

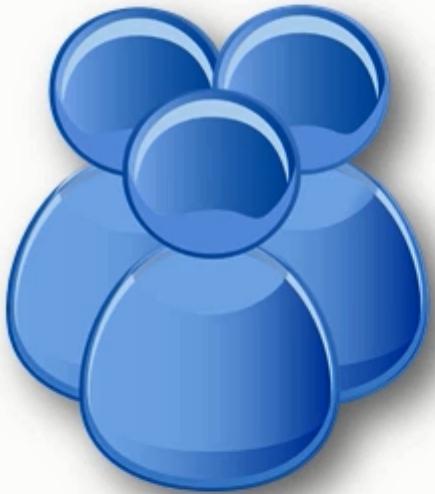
Past employment information

Current employment information

Education information

Contact Information





# Human Hacking

- ❑ Exposing information
- ❑ Gain confidence of target

Hcommerce:

<https://www.youtube.com/watch?v=yzU82Ul96pU>

- ❑ Using emotions

<https://www.youtube.com/watch?v=lc7scxvKQOo>

# How It's Done

Dumpster diving

Eavesdropping

Shoulder surfing

Impersonation

# You've Got Mail = I've Got You!



## Track

- When an email is read
- If it's forwarded
- Time spent reading
- Links visited
- Types of server used
- OS the recipient is using

# It's About the Header

Delivered-To: dale.meredith@gmail.com

Who the email went to

Received: by 10.64.230.234 with SMTP id tb10csp3086933iec

Thu, 30 Apr 2015 07:14:50 -0700 (PDT)

Date & Time Received

X-Received: by 10.66.154.111 with SMTP id vn15mr8590499pab.108.1430403288686;

Thu, 30 Apr 2015 07:14:48 -0700 (PDT)

Where did it come from

Return-Path: <trc.1843@envfrm.rsys2.com>

Sender's IP Address

Received: from om-thrifty.rsys3.com (om-thrifty.rsys3.com. [12.130.137.168])

by mx.google.com with ESMTP id colsi3/21858pad.63.2015.04.30.07.14.48

for <dale.meredith@gmail.com>;

Thu, 30 Apr 2015 07:14:48 -0700 (PDT)

Received-SPF: pass (google.com: domain of trc.1843@envfrm.rsys2.com designates 12.130.137.168 as permitted sender) client-ip=12.130.137.168;

Authentication-Results: mx.google.com;

Sender mail server

spf=pass (google.com: domain of trc.1843@envfrm.rsys2.com designates 12.130.137.168 as permitted sender) smtp.mail=trc.1843@envfrm.rsys2.com;

dkim=pass header.i=@email.thrifty.com;

dmarc=pass (p=NONE dis=NONE) header.from=email.thrifty.com

Original Sender's Email Server's Name

DKIM-Signature: v=1; a=rsa-sha1; c=relaxed/relaxed; s=thrifty; d=email.thrifty.com;

h=MIME-Version:Content-Type:Content-Transfer-Encoding:Date:To:From:Reply-To:Subject:Feedback-ID>List-Unsubscribe:Message-ID;

i=thriftycarrental@email.thrifty.com;

bh=qtw22FsUyXmGSoV2Mjp2Sib2LRs=;

b=YnEKd5gKDeTgCnATBObseRFVZUnOQvREUN8Ou/b/0pVn/gHRaSnjoD9jSA2i/VaB57X0kKrb6+P7

ZV4ovfMwstGUusewKmsAQqOPZ3aYEJHVaNzrM4z7N8YeulSOYsYvkCs5u7n6P02pog5OL0djG6Pcg

ccU7yMqJzYgV3pRAKI4=

DKIM-Signature: v=1; a=rsa-sha1; c=re

Authentication system used (sender)

h=MIME-Version:Content-Type:Content-Transfer-Encoding:Date:To:From:Reply-To:Subject:Feedback-ID>List-Unsubscribe:Message-ID;

bh=qtw22FsUyXmGSoV2Mjp2Sib2LRs=;

b=sGSEoxHmf0clvlw1p5E7rxvx5Xtig40e9hTCZNQgznjszbJaukBdQ9Fj59gEp98DXxTtcUnZ4fA

INUa9cOZZsUhQW0KA5NktqZYLPE9oGNd7TiXoGQ1lgpAGngq85cLlnxAebsAySlmx7g4v+RMPpcG

vXg6qxxMiLEWQA9jtBk=

DomainKey-Signature: a=rsa-sha1; c=nofws; q=dns; s=thrifty; d=email.thrifty.com;

b=FD1NQARjqKEWUoNKXgV6PijnBhgxl6Kze7kok7Y9knYU2pRbTjrYkc6Bf+E6wpE9B01dA9Bzjr+S

# Several Tools to Help

## Email Tracking Tools

- ❑ PoliteMail
- ❑ Email Lookup
- ❑ eMailTracker Pro
- ❑ DidTheyReadIt
- ❑ Read Notify
- ❑ WhoReadMe
- ❑ GetNotified
- ❑ G-Lock Analytics
- ❑ MSGTAG
- ❑ Trace Email

# Reconnaissance via Google Hacking

# Get Your Google On!



- ❑ Understanding Google
- ❑ The Google operators
- ❑ Advanced Google operators
- ❑ What can you find
- ❑ The Google Hacking Database (GHDB)

# Advanced Google Operators

# Know the Rules

- ❑ No space between the operator and the search term
  - intitle:batman
  - note – searches are NOT case sensitive
- ❑ If a space exists in the search term, use “ ”. Or use a period .
  - intitle:"index of"
  - or intitle:index.of
- ❑ You can combine most operators
  - intitle:"index of" private

# Advanced Operators

- ❑ **cache:**

Displays Google's cached version

- ❑ **link:**

Show a list of web pages that have links to your target

- ❑ **related:**

Similar web pages

- ❑ **info:**

View information Google has on the target

- ❑ **site:**

Limits results to just the domain listed

- ❑ **allintitle:**

Limits results to those websites with ALL the search words in the title

- ❑ **intitle:**

Limits results to documents that contain the search word in the title

- ❑ **allinurl:**

Limits results to only those webpages with ALL search words in the URL

- ❑ **inurl:**

Limits results to documents that contain the search word in the URL



cache:msn.com



Google Search

I'm Feeling Lucky

May the Fourth be with you

info:www.hackthissite.org

https://www.google.com/search?biw=1280&bih=671&noj=1&site=webhp&q=info%3Awww.hackthissite.org&oq=info%3Awww.hackthisite.or

+Dale Search Images Maps Play YouTube News Gmail More Dale Meredith

info:www.hackthissite.org

Google

Web Images Maps Shopping More Search tools

1 result (0.10 seconds)

**Hack This Site!**

<https://www.hackthissite.org/>

Hack This Site is a free, safe and legal training ground for hackers to test and expand their hacking skills. More than just another hacker wargames site, we are a ...

Google can show you the following information for this URL:

- Show Google's cache of www.hackthissite.org
- Find web pages that are similar to www.hackthissite.org
- Find web pages that link to www.hackthissite.org
- Find web pages from the site www.hackthissite.org
- Find web pages that contain the term "www.hackthissite.org"



allinurl:hackthissite.org



Web

Shopping

Videos

News

Images

More ▾

Search tools

About 19,700 results (0.51 seconds)

## Hack This Site!

<https://www.hackthissite.org/> ▾

Hack This Site is a free, safe and legal training ground for hackers to test and expand their hacking skills. More than just another hacker wargames site, we are a ...

### Login

Username: Password: Login  
Anonymously. Forgot Password ...

### About the Project

About the Project. Written by Jeremy Hammond (Project ...

### Articles

Also provided are articles, comprehensive and active ...

[More results from hackthissite.org »](#)

### Forums

[Advertise With HackThisSite.org].  
Hack This Site - Forums Index ...

### Lectures

Lectures. The lectures take place in the #lecture channel on the ...

### Bill of Rights

HackThisSite.org Bill of Rights. We are a non-profit organization ...

## ➊ Hackthissite.org Basic Level 11 - Irregular Expressions

[itknowledgeexchange.techtarget.com/.../hackthissite-org-basic-level-11/](http://itknowledgeexchange.techtarget.com/.../hackthissite-org-basic-level-11/) ▾

Dec 27, 2012 - Level 11 is going to take a significant amount of more work than the previous levels. The hint does not immediately work out what the answer is.

g intitle:"index of" - Go x https://www.google.com/?gws\_rd=ssl#q=intitle%22index+of%22

GOOGLE intitle:"index of"

+Dale

Web Images Videos Books Shopping More Search tools

About 42,300,000 results (0.66 seconds)

**i Index of /Linux**  
<ftp://riken.jp/Linux/> ▾

Index of /Linux. Icon Name Last modified Size Description. [DIR] Parent Directory - [DIR] Linux-new/ 23-Feb-2015 17:52 - [DIR] MandrivaLinux/ 04-May-2015 ...  
CentOS - Of /Linux/fedora - Scientific - Redhat

**i Index of /perry - Gawisp.com**  
[gawisp.com/perry/](http://gawisp.com/perry/) ▾

Index of /perry. Icon Name Last modified Size Description. [DIR] Parent Directory - [DIR] Bushnell/ 14-Jan-2010 09:08 - [ ] D005800A-WorldwideCi.  
Of /perry/nuvi - Garmin Software Updates - Of /perry/garmin - Of /perry/astro\_alpha

**i Welcome to the Index of Christian Art**  
[ica.princeton.edu/](http://ica.princeton.edu/) ▾ Princeton University

Index of /Linux/ubuntu

http://ftp.riken.jp/Linux/ubuntu/

## Index of /Linux/ubuntu

Name	Last modified	Size	Description
 Parent Directory		-	
 <a href="#">dists/</a>	05-May-2015 11:39	-	
 <a href="#">indices/</a>	05-May-2015 12:03	-	
 <a href="#">pool/</a>	27-Feb-2010 15:30	-	
 <a href="#">project/</a>	28-Jun-2013 20:52	-	
 <a href="#">ubuntu/</a>	05-May-2015 12:22	-	
 <a href="#">Archive-Update-in-Progress-ubuntu-danava</a>	05-May-2015 12:07	1	
 <a href="#">ls-lR.gz</a>	05-May-2015 12:03	9.6M	

8 inurl:admin - Google

https://www.google.com/search?q=inurl%3Aadmin&oq=inurl%3Aadmin&aqs=chrome.0.69i59j69i58.6644j0j4&sourceid=chrome&es\_sm=122ξ

inurl:admin

Web Images Maps Apps Videos More Search tools

About 77,200,000 results (0.19 seconds)

**Google**  
[admin.google.com/](https://admin.google.com/) ▾ Google

A description for this result is not available because of this site's robots.txt – learn more.

**Google Apps Admin Console**  
Manage your Google Apps for Work account with one ...  
[More results from google.com »](#)

---

**i Admin Login**  
<https://admin.poslavu.com/> ▾

Forgot Password | Terms of Service By continuing, you are agree to our Terms of Service. Forgot Password. Back to Login | Terms of Service By continuing, you ...

**i WordPress › admin « Tags « WordPress Plugins**  
<https://wordpress.org/plugins/tags/admin> ▾ WordPress

Adds a link to drafts, posted, scheduled items and categories under the posts, pages, and other custom post type sections in the admin menu. By: Greg Ross. (0).

**i admin - Wiktionary**  
[en.wiktionary.org/wiki/admin](https://en.wiktionary.org/wiki/admin) ▾ Wiktionary

English[edit]. Etymology[edit]. Shortening of administrator or administration. Pronunciation[edit]. enPR: äd'mīn". IPA: /'æd mɪn/. Noun[edit].

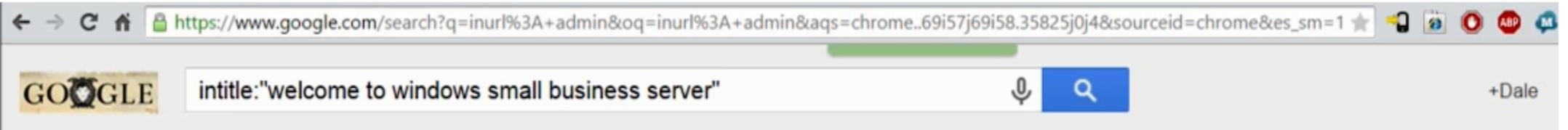
# Understanding is Everything

## Devices and appliances

- ❑ Default settings
- ❑ Accessible via browser
- ❑ Application defaults
- ❑ Internet printing
- ❑ Internet cameras
- ❑ Server defaults

## Think outside the box

- ❑ Directories – intitle:index.of.  
Admin directories?
- ❑ Find specific files  
Logs / password files / by file extension
- ❑ Web servers
- ❑ Directory traversal
- ❑ Extension walking



g inurl:"/root/etc/passwd" x

https://www.google.com/?gws\_rd=ssl#q=inurl%22%2Froot%2Fetc%2Fpasswd%22

GOOGLE inurl:"/root/etc/passwd"

Web Videos News Images Shopping More Search tools

About 2,050 results (0.73 seconds)

- i **passwd in applications/on-core/root/etc – Opennet Firmware**  
[https://www.absorb.it/on\\_firmware/browser/.../on.../root/etc/passwd?rev...](https://www.absorb.it/on_firmware/browser/.../on.../root/etc/passwd?rev...) ▾  
Last change on this file since 35a692 was 35a692, checked in by rene <just@...>, 5 years ago. set default 'admin' passwd. Property mode set to 100644.
- i **cannot login as root /etc/passwd mistake - LinuxQuestions.org**  
[www.linuxquestions.org › Forums › Linux Forums › Linux - Software](http://www.linuxquestions.org › Forums › Linux Forums › Linux - Software) ▾  
Mar 27, 2003 - 4 posts - 3 authors  
Hello! I have made a big mistake in my /etc/passwd file, I have removed the r to root and saved the file, and... Logged off... There is the currently.
- i **passwd - florenza khamsin**  
[www.florenzakhamsin.com/css/Inject/root/etc/passwd-](http://www.florenzakhamsin.com/css/Inject/root/etc/passwd-) ▾  
root:x:0:0:root:/root/bin/bash bin:x:1:1:bin:/bin/nologin daemon:x:2:2:  
daemon:/sbin/nologin adm:x:3:4:adm:/var/adm/sbin/nologin ...
- i **Index Of Sym Root Etc Passwd Pdf - Ebooks Download**  
[www.pdf3000.com/ebook/title/index-of-sym-root-etc-passwd.html](http://www.pdf3000.com/ebook/title/index-of-sym-root-etc-passwd.html) ▾  
Solaris Naming Administration Guide Oracle Documentation. Posted on 26-Dec-2014 | Read:0 | by admin. Accepted Name Symbols 93 Changing the Keys of a ...
- i **passwd**  
[torchiacom.com/fr/wp-content/plugins/revslider/.../root/etc/passwd-](http://torchiacom.com/fr/wp-content/plugins/revslider/.../root/etc/passwd-) ▾  
root:x:0:0:root:/root/bin/bash bin:x:1:1:bin:/bin/nologin daemon:x:2:2:

# The Google Hacking Database (GHDB)



## Footholds (31)

Examples of queries that can help a hacker gain a foothold into a web server

## Sensitive Directories (81)

Google's collection of web sites sharing sensitive directories. The files contained in here will vary from sensitive to uber-secret!

## Vulnerable Files (61)

HUNDREDS of vulnerable files that Google can find on websites...



## Vulnerable Servers (83)

These searches reveal servers with specific vulnerabilities. These are found in a different way than the searches found in the "Vulnerable Files" section.

## Error Messages (77)

Really retarded error messages that say WAY too much!

## Network or vulnerability data (63)

These pages contain such things as firewall logs, honeypot logs, network information, IDS logs... all sorts of fun stuff!

## Various Online Devices (250)

This category contains things like printers, video cameras, and all sorts of cool

## Web Server Detection (72)

These links demonstrate Google's awesome ability to profile web servers..

## Files containing usernames (17)

These files contain usernames, but no passwords... Still, google finding usernames on a web site..

## Files containing passwords (178)

PASSWORDS, for the LOVE OF GOD!!! Google found PASSWORDS!

## Sensitive Online Shopping Info (10)

Examples of queries that can reveal online shopping info like customer data, suppliers, orders, creditcard numbers, credit card info, etc

## Files containing juicy info (320)

No usernames or passwords, but interesting stuff none the less.

## Pages containing login portals (289)

These are login pages for various services. Consider them the front door of a website's more sensitive functions.

## Advisories and Vulnerabilities (1972)

These searches locate vulnerable servers. These searches are often generated

# Shields! Red Alert!



- ❑ Countermeasures for Recon
- ❑ Recon Pen Test Workflow

# Best Practices to Defend Against Recon

Configure your routers

Use an IDS

Re-configure web servers

Enforce security policies

# Best Practices to Defend Against Recon

- Do your own recon

- Lock ports via firewalls

- Check services on web servers

- Prevent search engines from caching

# Best Practices to Defend Against Recon

- ─ Disable directory listing
- ─ Configure Internal vs External DNS
- ─ Restrict inputs types ( |,;,<> )

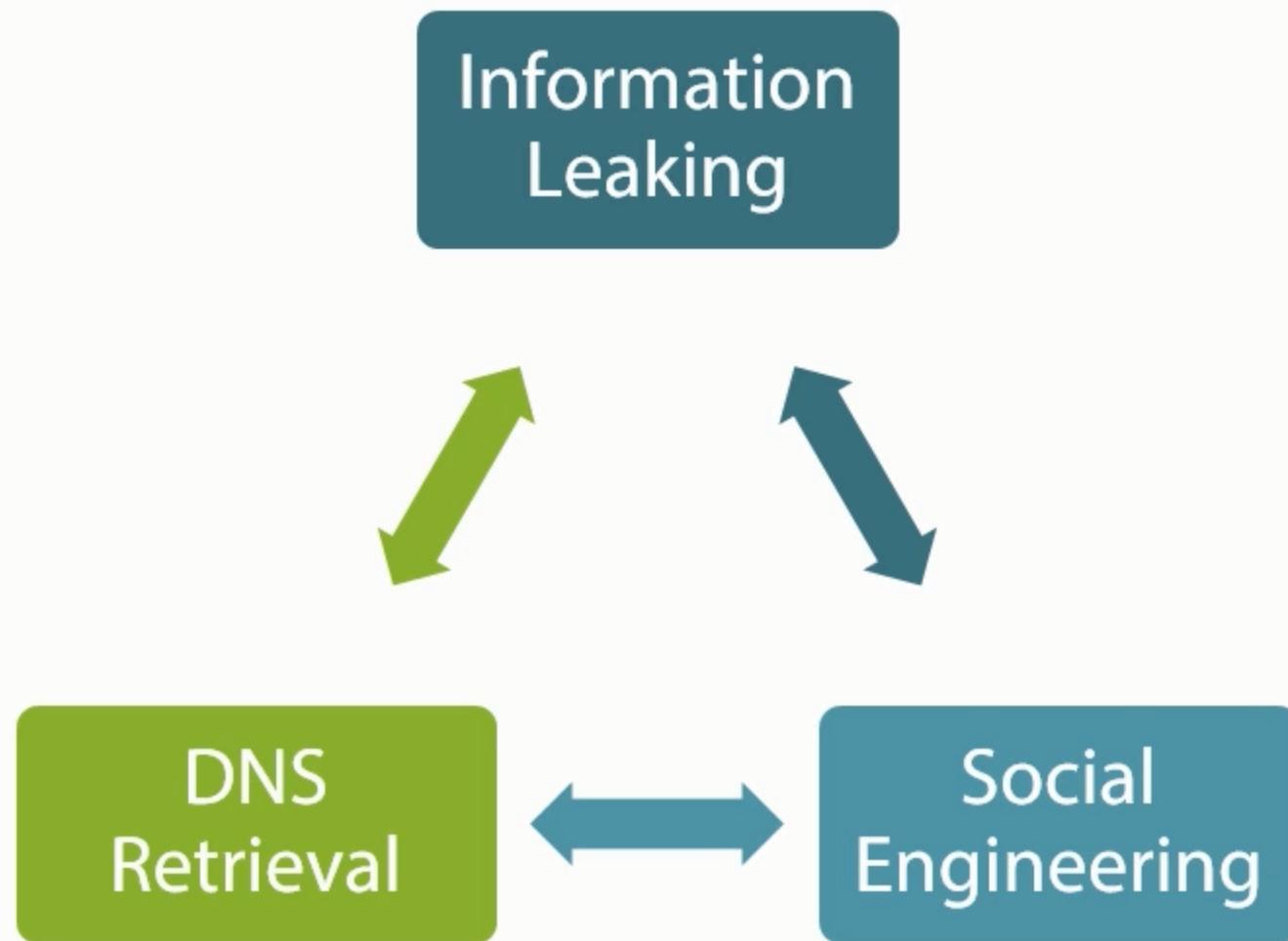
# Best Practices to Defend Against Recon

Educate employees

Use encryption and/or passwords

Avoid cross-linking

# Recon Pen Testing



# The Recon Workflow

