Exercise1a: Google Hacking

1. Choose your organization(s) (or any website that may be of interest) and gather as much information as possible about it using Google and other open web resources.

2. Try organizing the details into the following categories as much as possible:

1) Organizational Structure (who's the boss? Who's the IT guy?)

Chair and CEO: [Daryl J. Campbell,](https://www.linkedin.com/in/daryl-j-campbell-40184951/)     Steven C. Preston

2) Domain names they own.

Goodwill.org

3) IP ranges / Server names they own.

IP ranges: 65.198.25.0 to 65.198.25.255

Server Name: ns10.goodwill.org



4) Phone numbers / Addresses.

15810 Indianola Drive [Derwood, Maryland](https://en.wikipedia.org/wiki/Derwood,_Maryland) ([Rockville](https://en.wikipedia.org/wiki/Rockville,_Maryland) mailing address), [United States](https://en.wikipedia.org/wiki/United_States) 20855

5) Emails and employee names, try to identify the job position of each employee found.

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6) Rogue / leaked information (PDFs, XLS, PPT etc) found via Google.

Goodwill Industries International Inc. FY 2010-2011 Budget Comparison Chart

<https://www.goodwill.org/wp-content/uploads/2011/01/Budget_Comparison_WIA.pdf>

Goodwill Industries International Exhibits Vendors

<http://marketplace.goodwill.org/media/Goodwill_Industries_International_Past_Exhibits_Vendors_2015.pdf>

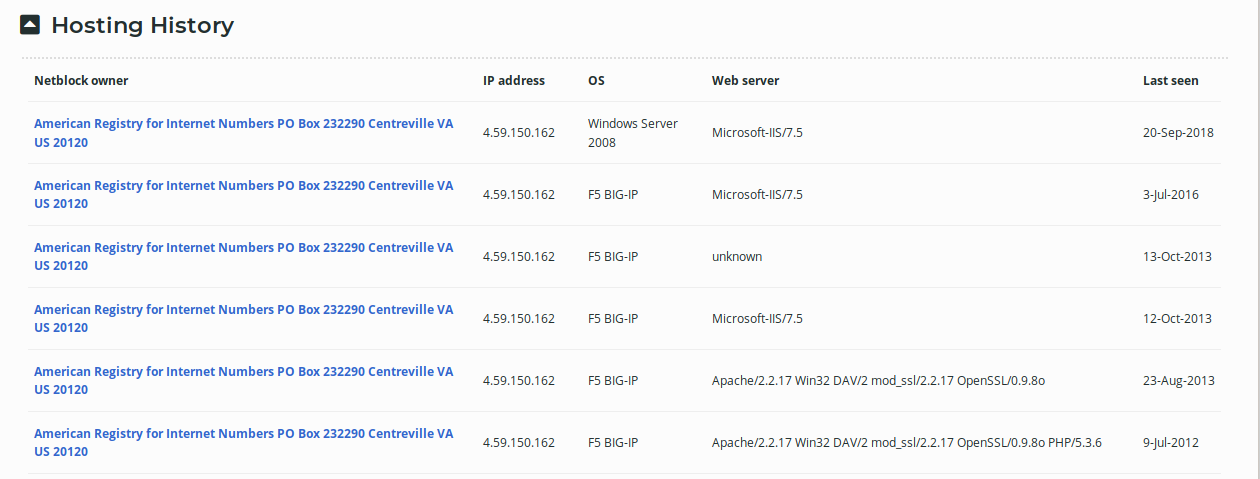
GOODWILL INDUSTRIES INTERNATIONAL 2018 ANNUAL REPORT

<https://www.goodwill.org/wp-content/uploads/2019/08/2018-Annual-Report_web.pdf>

Audited Consolidating Financial Statements, Supplementary Information, and Reports Required by Government Auditing Standards and the Uniform Guidance

<https://www.goodwill.org/wp-content/uploads/2019/11/GII-2018-Final-AFS.pdf>

7) Use Netcraft to identify the web server versions of the organization, if they exist.



8) Any other interesting information you may find relevant.

1)The chairman and CEO both changed on 2017

2)For the POS, they are using the Retail Control Systems

Exercise 1b: Use Google hacking to extract some sensitive doc from any website

Showed in 1(6)

How to use the POS system inside Goddwill: <http://marketplace.goodwill.org/webinars/2011_RCS_Presentation_09192012.pdf>

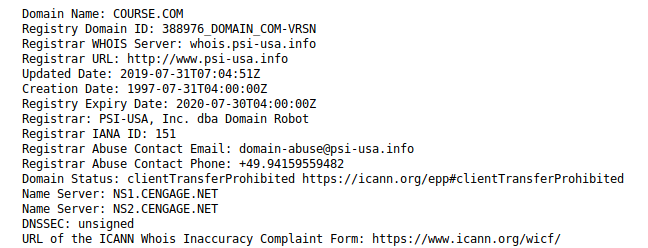
Exercise 2: Gathering WHOIS Information with Windows/Linux WHOIS is a service that allows you to look up people’s names on a remote server. Whenever you need to find out more about a domain name, such as its IP address, who the administrative contact is or other information, you can use the WHOIS utility to determine points of contact (POCs), domain owners, and name servers. Many servers respond to TCP queries on port 43 in a manner roughly analogous to the DDN NIC WHOIS service described in RFC 954. Using a Web Browser

1. Open the site: [www.internic.net](http://www.internic.net)

2. Click Whois in the list of options

3. In the Whois text box, enter the following domain: course.com

4. Record the registrar for this domain name:



Whois.psi-usa.info

5. Record the primary and secondary name servers for this domain name:

Name Server: NS1.CENGAGE.NET

Name Server: NS2.CENGAGE.NET

6. What other useful information can you determine from this output?

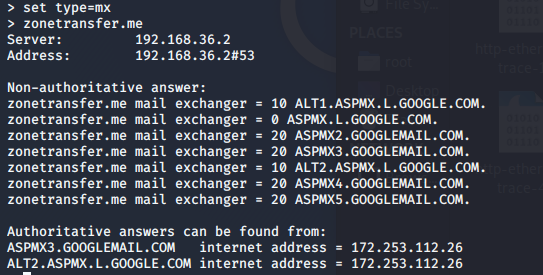
The registrar email: [doman-abuse@psi-usa.indo](mailto:doman-abuse@psi-usa.indo)

The registrar phone: +49.94159559482

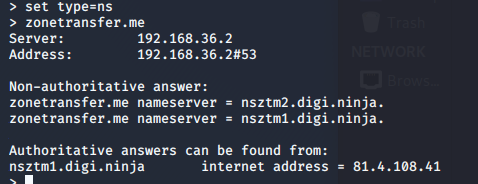
Exercise3: DNS Reconnaissance

For this website zonetransfer.me or any other site of your choide, enumerate the following information using DNS reconnaissance: (Repeat exercise for all the tools discussed in class – nslookup, dig and fierce.)

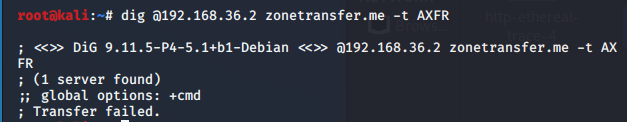
• Their MX servers.



• Their NS Servers.



• Additional hostnames on their IP range(s).



• DNS zone transfer possible?

NO, transfer failed