Web Application Penetration Testing

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Information Gathering

1. Conduct Search Engine Discovery and Reconnaissance for Information Leakage

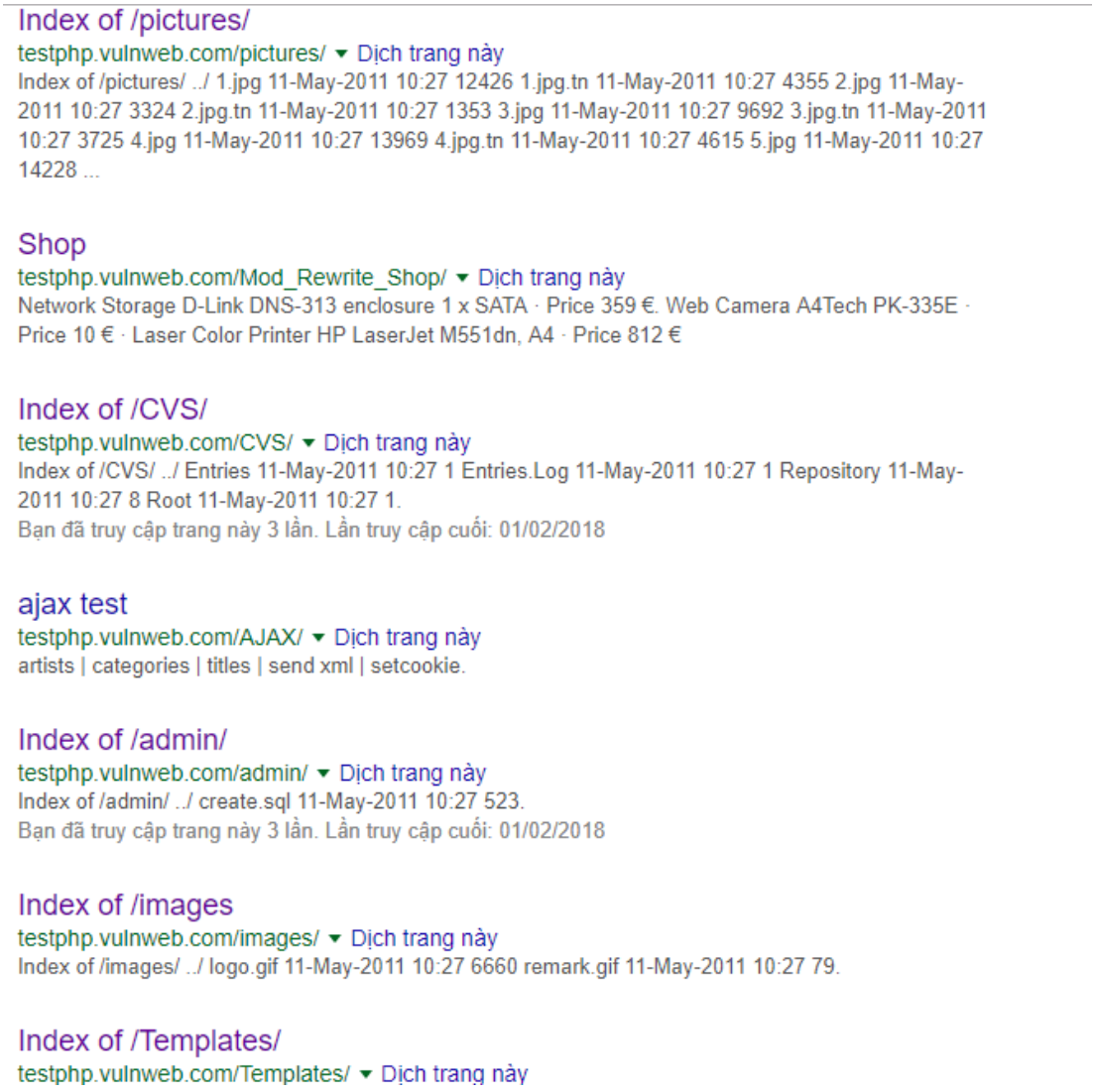
Google hacking technique

Evident:

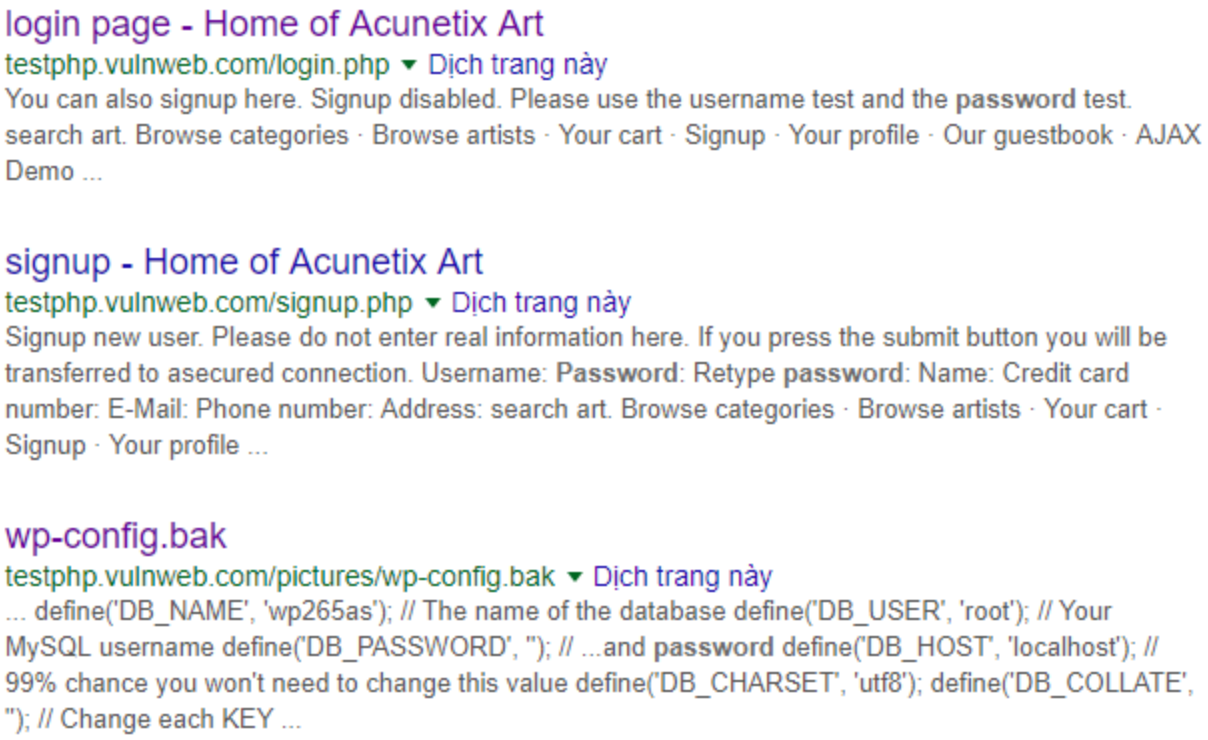
With: testphp.vulnweb.com

I have try google hack with search field parameter as: “site: testphp.vulnweb.com”

After this, I got basic crawling result below:



I used some query to discovering more interested information :



References:

- http://www.mrjoeyjohnson.com/Google.Hacking.Filters.pdf

2. Fingerprint Web Server

Web server fingerprinting is a critical task for the Penetration tester. Knowing the version and type of a running web server allows testers to determine known vulnerabilities and the appropriate exploits to use during testing.

Black box test:

The simplest and most basic form of identify a web server is look at the server field in the HTTP response header with netcat

Example:

nc google.com 80

GET / HTTP/1.1

Host: google.com

enter

enter