

T23

Concurrent Class 10/3/2013 3:00:00 PM

"The Google Hacking Database: A Key Resource to Exposing Vulnerabilities"

Presented by:

Kiran Karnad Mimos Berhad

Brought to you by:

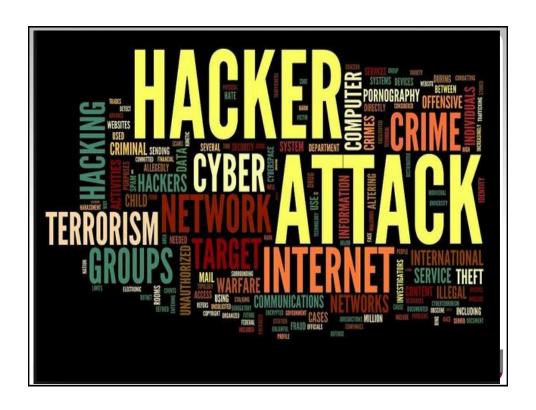


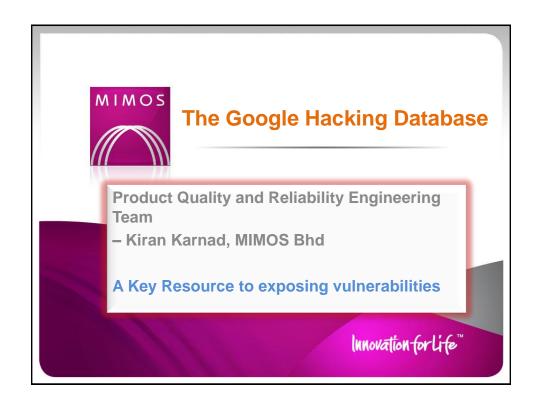
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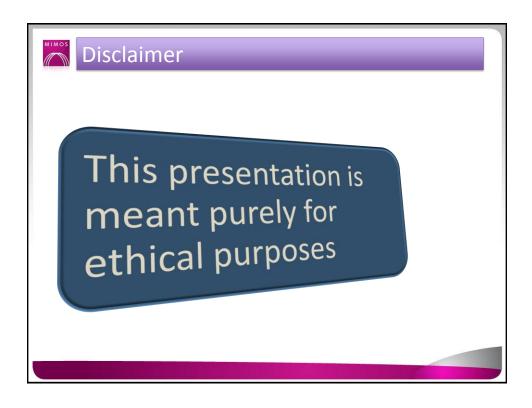
Kiran Karnad

MIMOS Berhad

After more than sixteen years in software testing and implementation, Kiran Karnad found his true calling in penetration testing. Proudly calling himself a hands-on lead for information security, Kiran has worked with several Fortune 500 companies and mentored software test teams in multiple geographies. Currently leading the functional and security efforts at MIMOS, Kiran strives to identify process improvement opportunities throughout the organization and to implement them effectively.



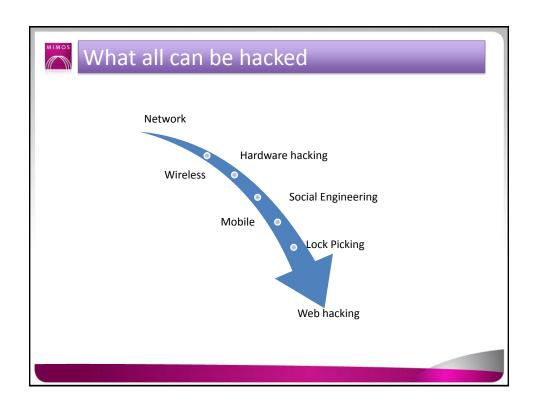




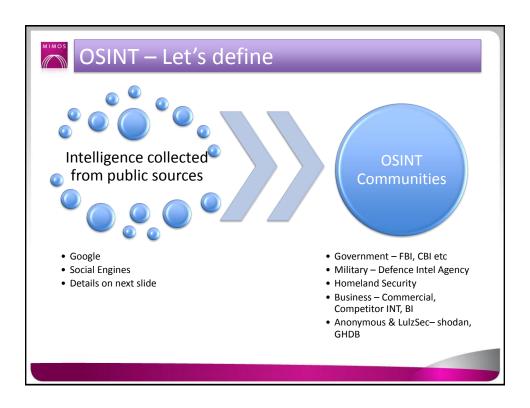


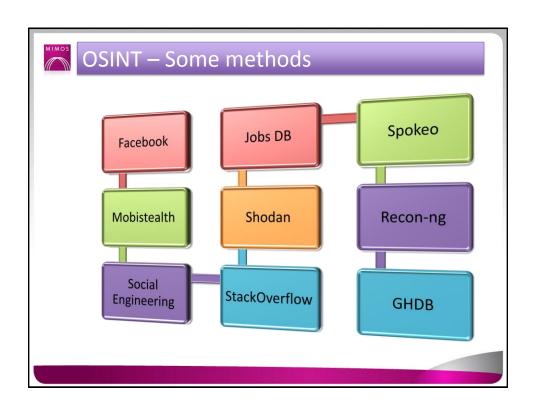




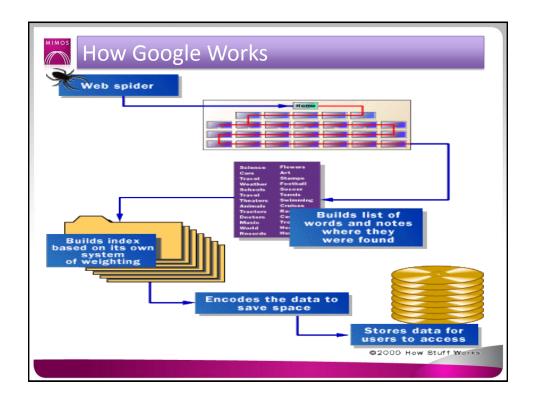


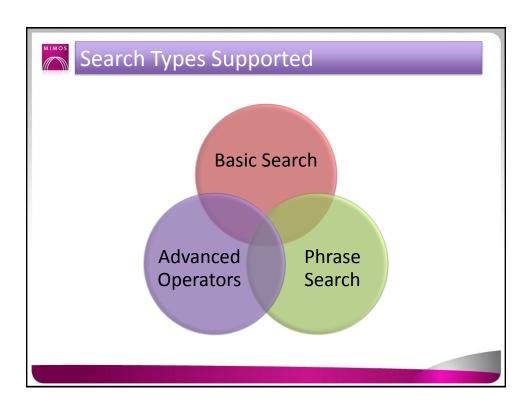








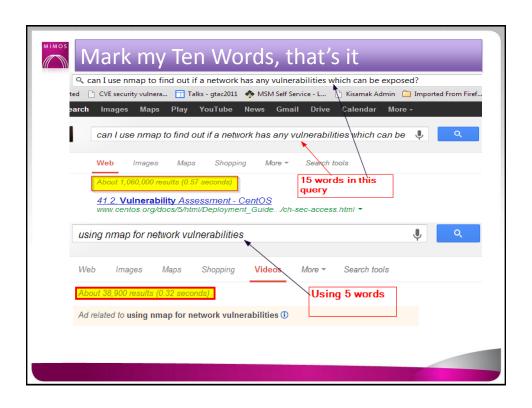


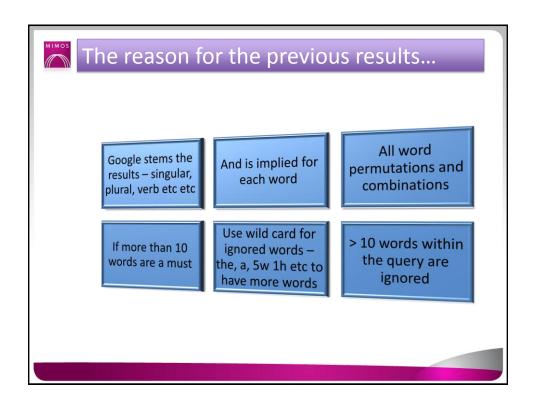


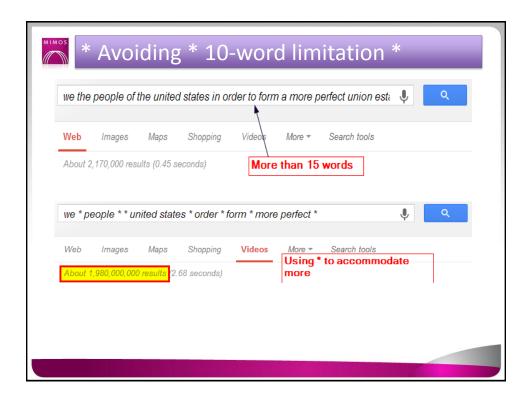




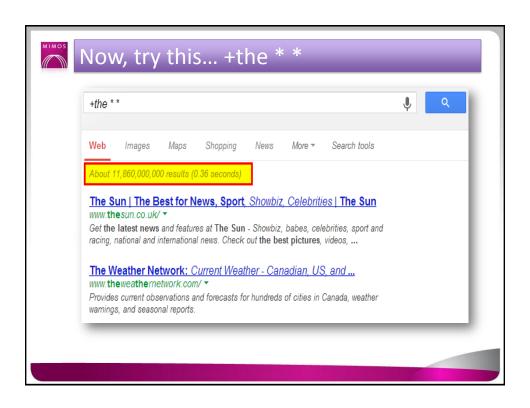


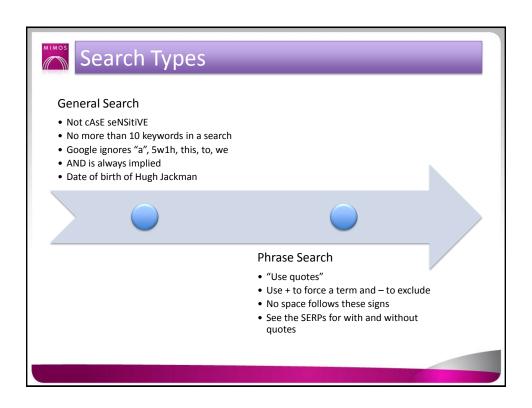




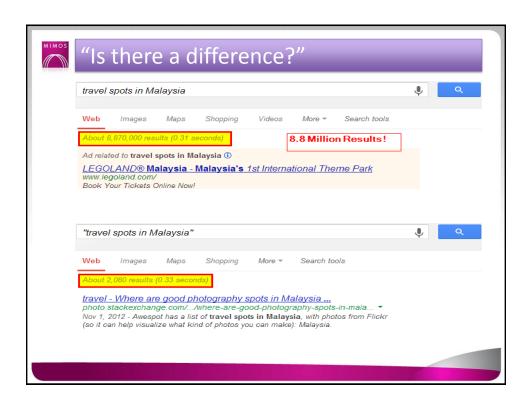


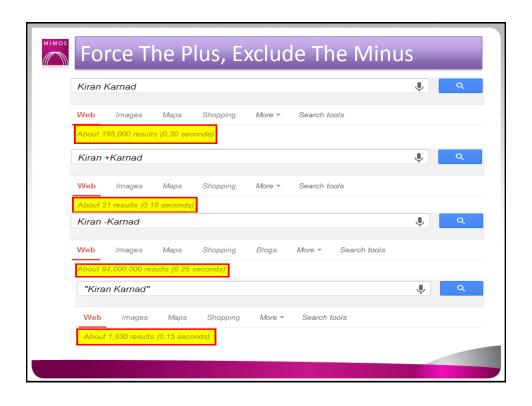


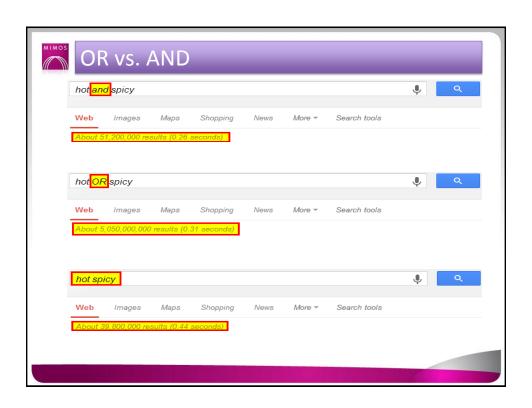


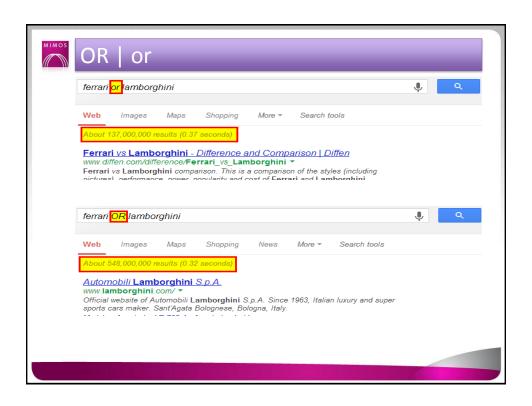


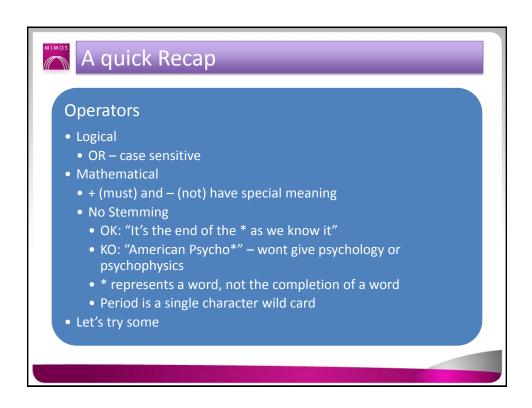






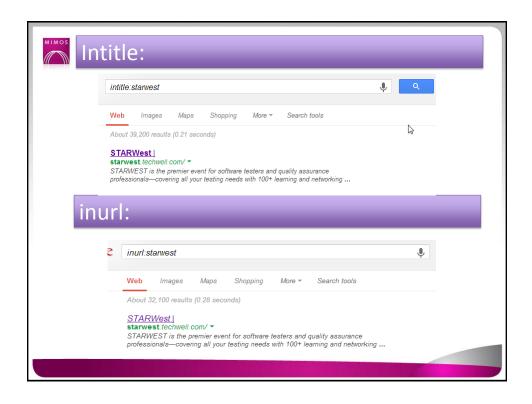


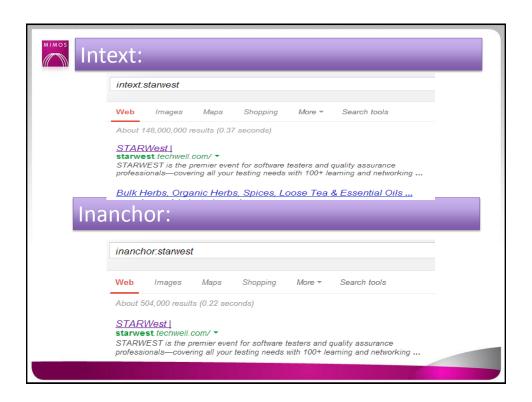


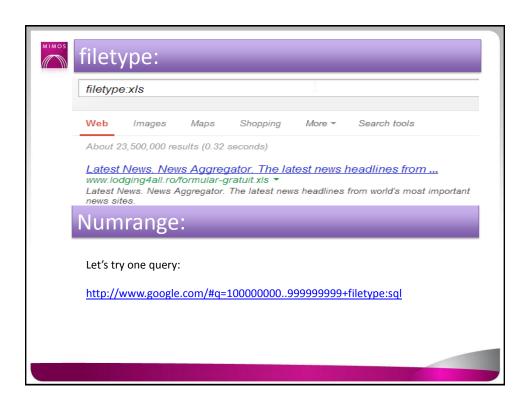


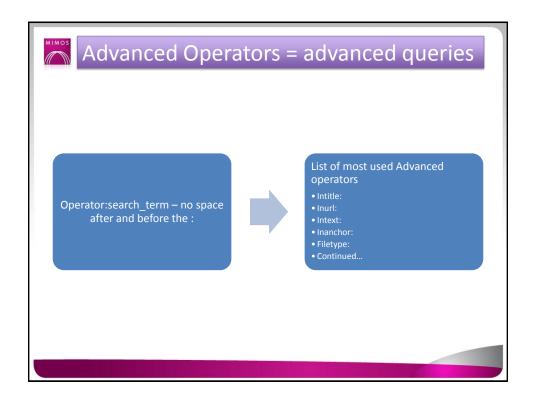


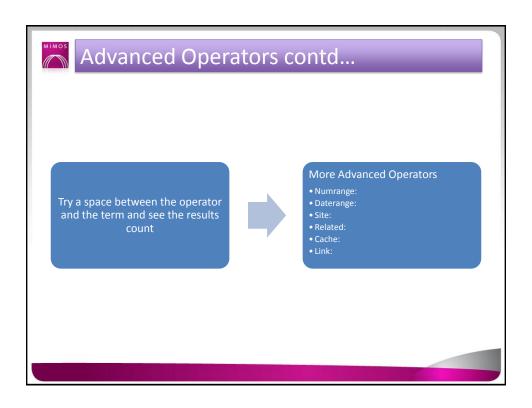


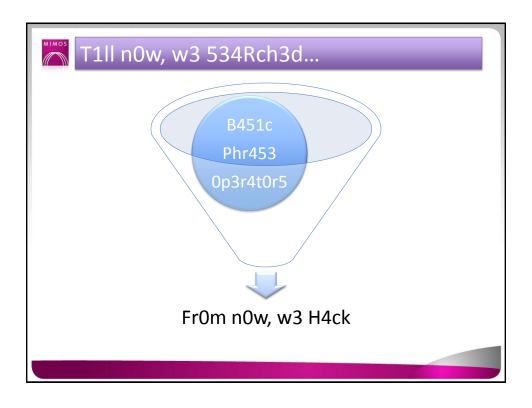


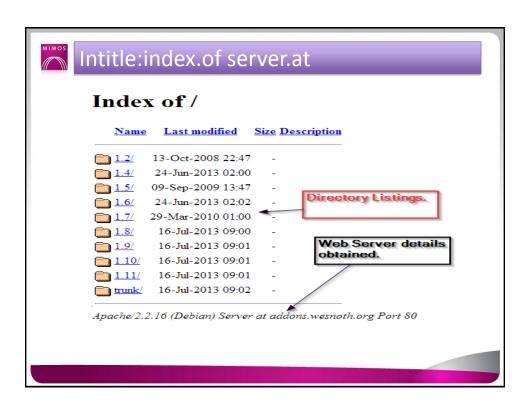


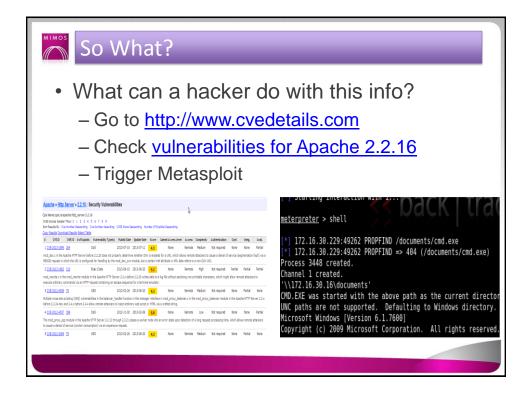






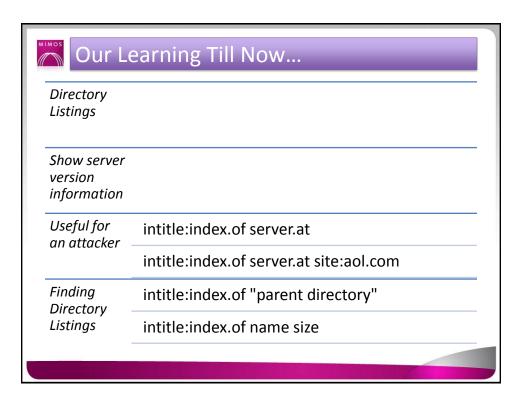
















Piracy – MP3s

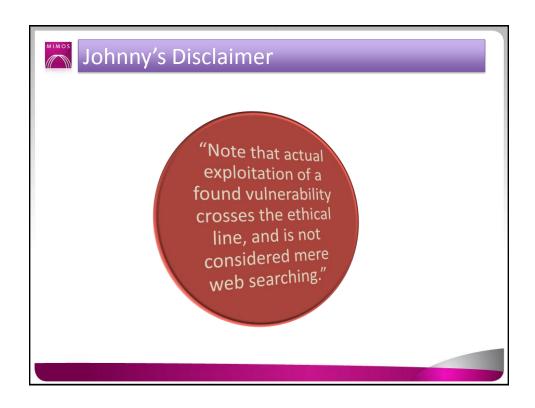
- Intitle:index.of mp3 jackson
 - Yields 20+ pages of songs in mp3 format
 - No need to wait for website instructions!
 - Remember, Google stems!
- Intitle:index.of iso kaspersky
 - Gets the AV installers from various websites
 - Most of them with professional key or cracks
 - Even beta versions are available



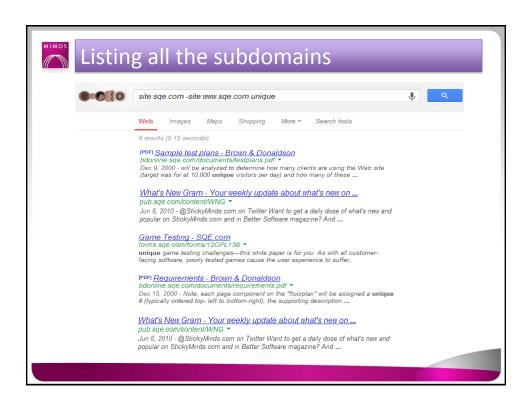
More Piracy – ISO

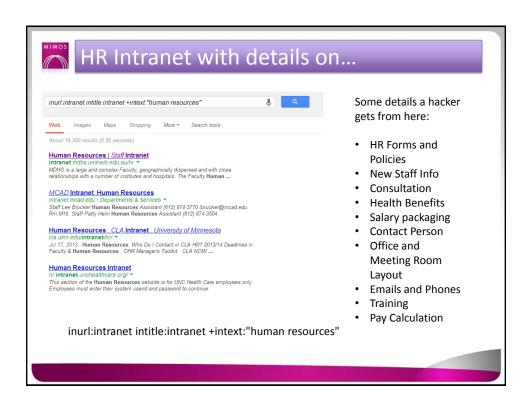
- Inurl:microsoft intitle:index.of filetype:iso
 - Get MS ISO files from everywhere!

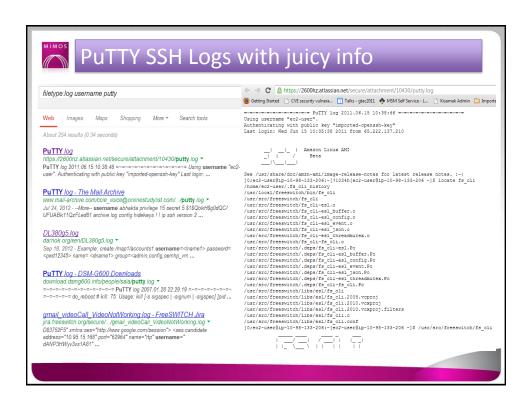
Index of /microsoft/

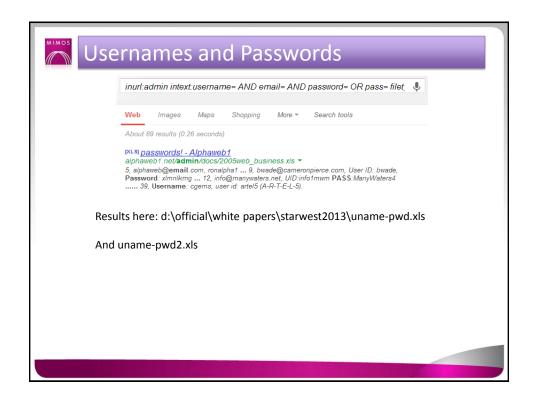




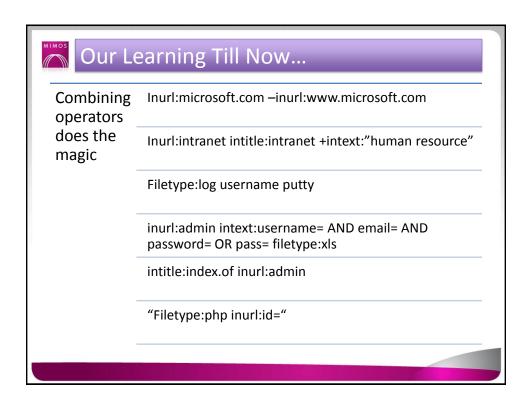


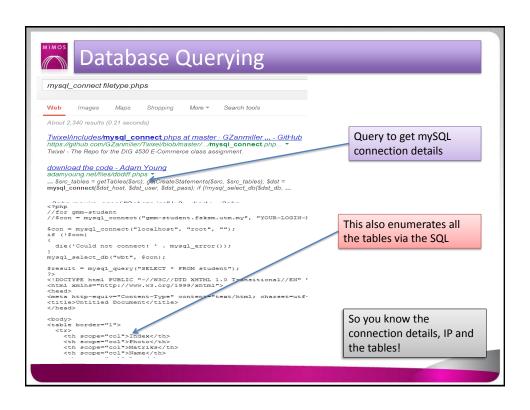


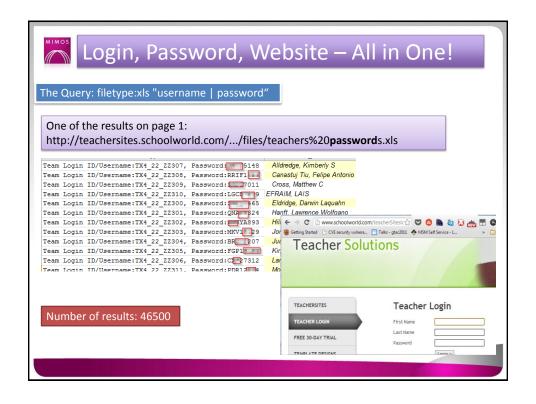
















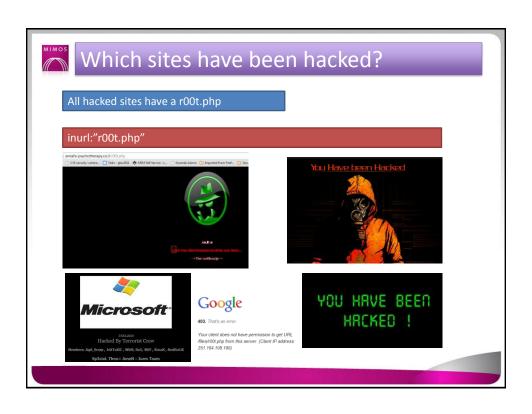


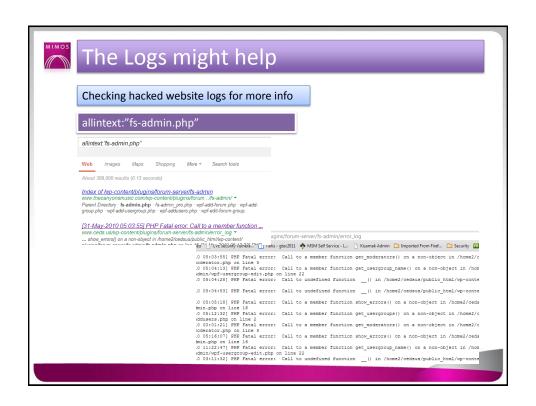
"filetype:phps mysql_connect"

filetype:xls "username | password"

inurl:"passes" OR inurl:"passwords" OR inurl:"credentials" - search -download -techsupt -git -games -gz -bypass -exe filetype:txt @yahoo.com OR @gmail OR @hotmail OR @rediff









Must Tries

Hacked websites → inurl:"r00t.php"

Hacked logs → allintext:"fs-admin.php"

Finding login for portals → intitle:admin intitle:login

SSH usernames → filetype:log username putty

Getting user list → Inurl:admin inurl:userlist

Passwords! → filetype:pass pass intext:userid

SQL Passwords → filetype:sql password

Usernames → inurl:admin filetype:xls

Passwords → inurl:password filetype:xls

More!! → inurl:passwd filetype:xls (pdf, doc, mdb)



More Stuff!

intitle:"Index of" passwords modified

allinurl:auth_user_file.txt

"access denied for user" "using password"

"A syntax error has occurred" filetype:ihtml

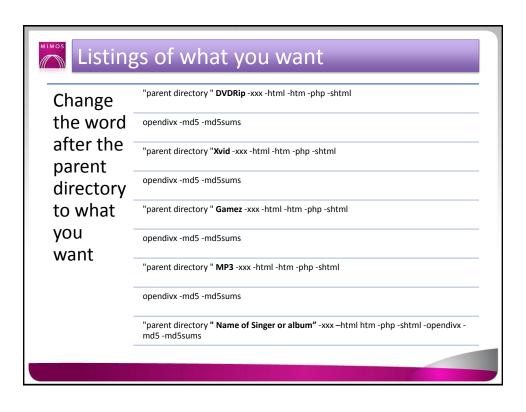
allinurl: admin mdb

"ORA-00921: unexpected end of SQL command"

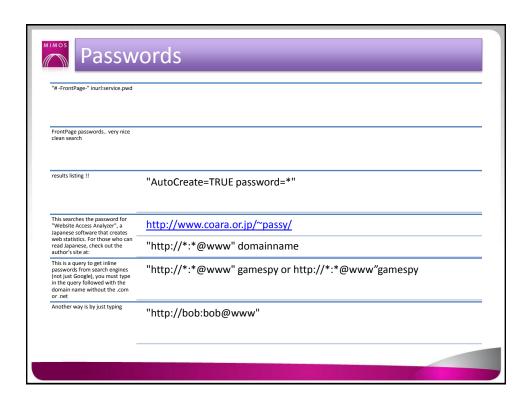
inurl:passlist.txt

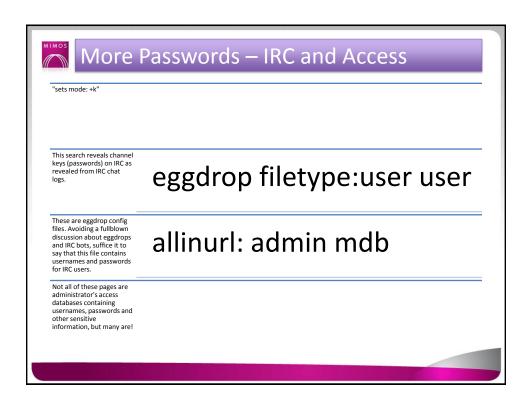
"Index of /backup"

"Chatologica MetaSearch" "stack tracking:"











intitle:"Index of" config.php

This search brings up sites with "config php" files. To skip the technical discussion, this configuration file contains both a username and a password for an SQL database. Most sites with forums run a PHP message base. This file gives you the keys to that forum, run along FULL ADMIN access to the database.

intitle:index.of.etc

This search gets you access to the etc directory, where many, many, many types of password files can be found. This link is not as reliable, but crawling etc directories can be really fun!



Passwords in backup files

filetype:bak

inurl: "htaccess | passwd | shadow | htusers"

This will search for backup files (*.bak) created by some editors or even by the administrator himself (before activating a new version). Every attacker knows that changing the extension of a file on a web server can have ugly consequences.



Serial Numbers

Let's pretend you need a serial number for Windows XP Pro.

In the Google search bar type in just like this - "Windows XP Professional" 94FBR the key is the 94FBR code.. it was included with many MS Office registration codes so this will help you dramatically reduce the amount of 'fake' sites (usually pornography) that trick you. Or if you want to find the serial for WinZip 8.1 -

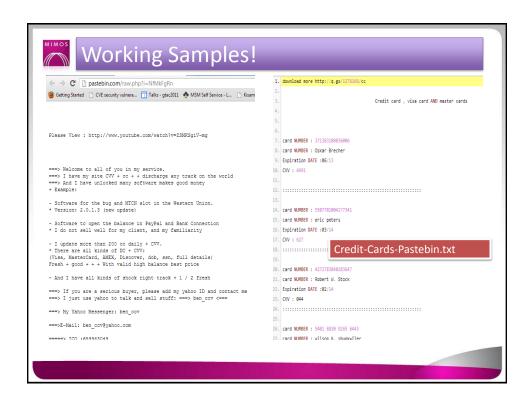
"WinZip 8.1" 94FBR

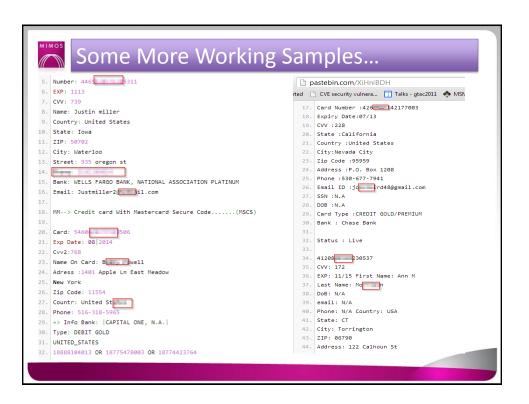


Credit Cards!!

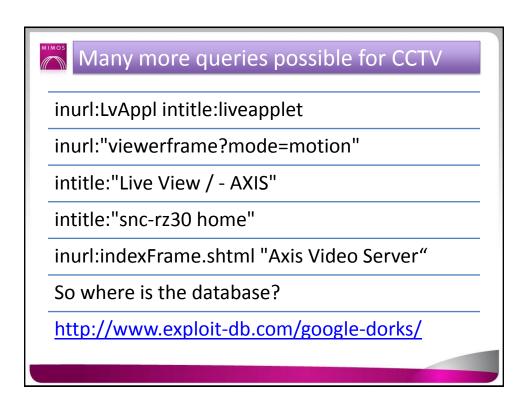
Number Ranges to find Credit Card, SSN, Account **Numbers**

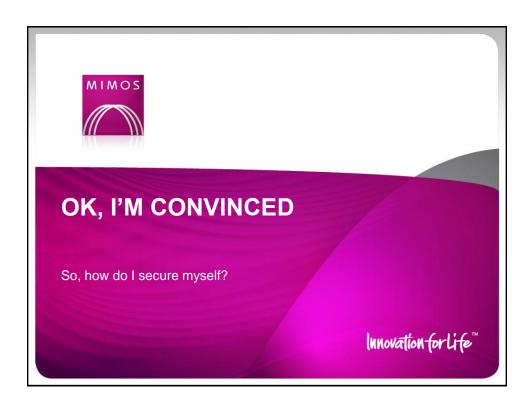
Numbers 30000000000000..3999999999999 Amex: (15 digits) MC: (16 digits) 5178000000000000..517899999999999 Visa: (16 digits) 4356000000000000..435699999999999





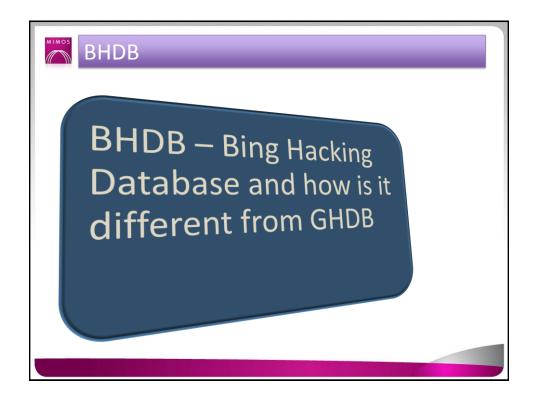


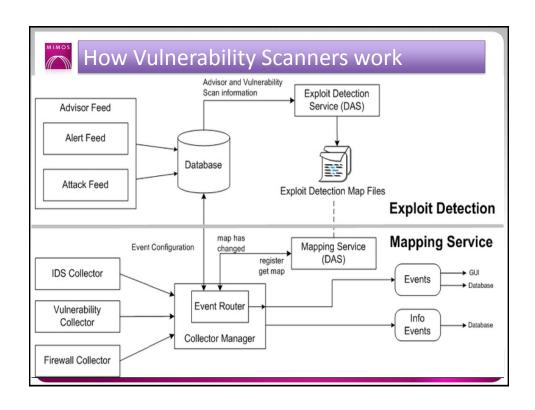


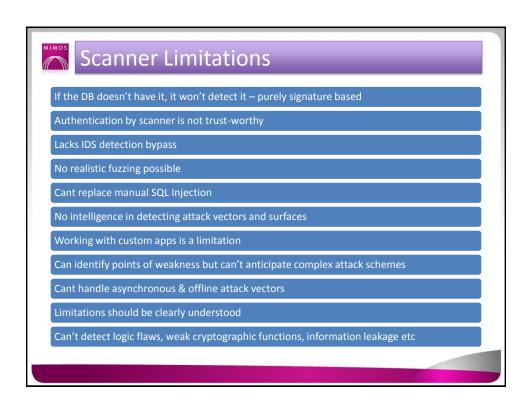


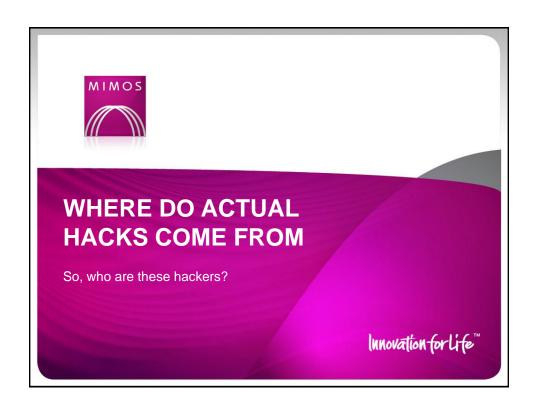






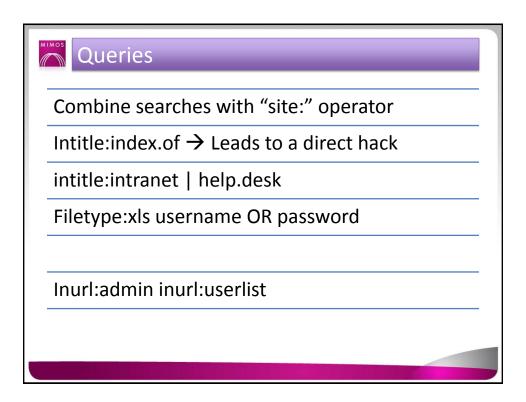














Inurl:admin OR inurl:password filetype:xls (csv)

Inurl:Ivappl Live Applet site:*.*

inurl:intranet intitle:intranet +intext:"human resources"

Filetype:log username putty

So where is the GH "database"?

Top Ten Searches PDF (http://tinyurl.com/starwestghdb2013)





Search API OS Script

Google Web Search API Wsdl deprecated

Now Custom Search APIs used

Google controls the use: https://developers.google.com/web-search/terms

Open source script: http://pastebin.com/uE5wJWMy

1. Download the script 2. Rename as .JS 3. Create data file 4. Call in any HTML

http://www.exploit-db.com/google-dorks/



Tools within OS Systems

Open Source penetration testing platforms such as Backtrack and Kali support tools for Google hacking. They

- Exploit-DB
- Searchsploit
- Goodork
- Websploit
- Social Engineering Toolkit
- Burp Suite (decoder)

