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Task Report: 3

1. Johntheripper:

John the Ripper is a popular open source password cracking tool that combines several different cracking programs and runs in both brute force and dictionary attack modes.

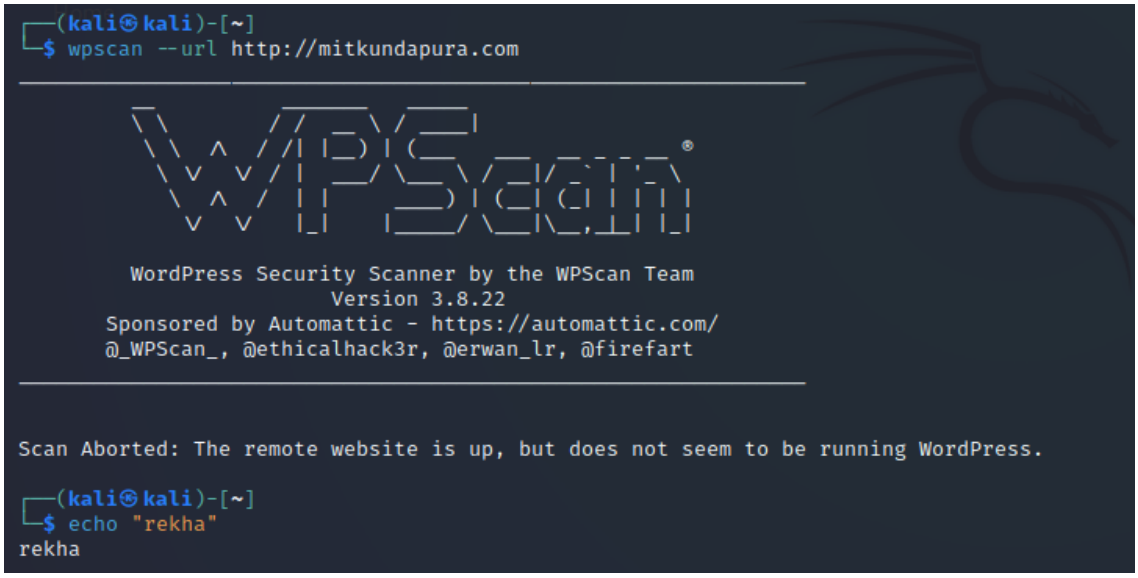
John the Ripper is often used in the enterprise to detect weak passwords that could put network security at risk, as well as other administrative purposes. The software can run a wide variety of password-cracking techniques against the various user accounts on each operating system and can be scripted to run locally or remotely.

2. Wpscan:

Wpscan is a WordPress security scanner used to test WordPress installations and WordPress-powered websites. This is a command line tool used in Kali Linux. This tool can be used to find any vulnerable plugins, themes, or backups running on the site. Wpscan scans remote wordPress installations to find security issues.

Command: Vulnerability Scan in url

wpscan –url http://mitkundapura.com



3. dirb:

Dirb is a Web Content Scanner. It looks for existing web Objects. It basically works by launching a dictionary based attack against a web server and analyzing the responses. Dirb comes with a set of preconfigured attack wordlists for easy usage but you can use your custom wordlists.

Dirb will make an HTTP request and see the HTTP response code of each request.

Commands:

dirb https://mitkundapura.com

Save the output in a file:
dirb https://mitkundapura.com/user/share/dirb/wordlist/common.txt -o file.txt

dirb https://mitkundapura.com/user/share/dirb/wordlist/common.txt dsgtdr.txt

Generate dictionary incrementally
dirb-gendict –h

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┌──(kali㉿kali)-[~]
└─$ dirb https://mitkundapura.com

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DIRB v2.22
By The Dark Raver
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START_TIME: Tue Mar  7 05:21:11 2023
URL_BASE: https://mitkundapura.com/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

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GENERATED WORDS: 4612

---- Scanning URL: https://mitkundapura.com/ ----
==> DIRECTORY: https://mitkundapura.com/~adm/
==> DIRECTORY: https://mitkundapura.com/~admin/
==> DIRECTORY: https://mitkundapura.com/~administrator/
==> DIRECTORY: https://mitkundapura.com/~amanda/
==> DIRECTORY: https://mitkundapura.com/~apache/
==> DIRECTORY: https://mitkundapura.com/~bin/
==> DIRECTORY: https://mitkundapura.com/~ftp/
==> DIRECTORY: https://mitkundapura.com/~guest/
==> DIRECTORY: https://mitkundapura.com/~http/
==> DIRECTORY: https://mitkundapura.com/~httpd/
==> DIRECTORY: https://mitkundapura.com/~log/
==> DIRECTORY: https://mitkundapura.com/~logs/
==> DIRECTORY: https://mitkundapura.com/~lp/
==> DIRECTORY: https://mitkundapura.com/~mail/
==> DIRECTORY: https://mitkundapura.com/~nobody/
==> DIRECTORY: https://mitkundapura.com/~operator/
==> DIRECTORY: https://mitkundapura.com/~root/
==> DIRECTORY: https://mitkundapura.com/~sys/
```

```
┌──(kali㉿kali)-[~]
└─$ dirb https://mitkundapura.com  /usr/share/dirb/wordlists/common.txt dsgtdr.txt

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DIRB v2.22
By The Dark Raver
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START_TIME: Tue Mar  7 05:22:41 2023
URL_BASE: https://mitkundapura.com/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

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GENERATED WORDS: 4612

---- Scanning URL: https://mitkundapura.com/ ----
^Z> Testing: https://mitkundapura.com/_mem_bin
zsh: suspended  dirb https://mitkundapura.com /usr/share/dirb/wordlists/common.txt dsgtdr.txt

┌──(kali㉿kali)-[~]
└─$ dirb-gendict -h
Usage: dirb-gendict -type pattern
  type: -n numeric [0-9]
        -c character [a-z]
        -C uppercase character [A-Z]
        -h hexa [0-f]
        -a alfanumeric [0-9a-z]
        -s case sensitive alfanumeric [0-9a-zA-Z]
  pattern: Must be an ascii string in which every 'X' character wildcard
           will be replaced with the incremental value.

Example: dirb-gendict -n thisword_X
```

```
Example: dirb-gendict -n thisword_X
  thisword_0
  thisword_1
  [ ... ]
  thisword_9

┌──(kali㉿kali)-[~]
└─$ dirb https://mitkundapura.com  /usr/share/dirb/wordlists/common.txt -o file.txt

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DIRB v2.22
By The Dark Raver
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OUTPUT_FILE: file.txt
START_TIME: Tue Mar  7 05:25:43 2023
URL_BASE: https://mitkundapura.com/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt

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GENERATED WORDS: 4612

---- Scanning URL: https://mitkundapura.com/ ----
==> DIRECTORY: https://mitkundapura.com/~adm/
==> DIRECTORY: https://mitkundapura.com/~admin/
==> DIRECTORY: https://mitkundapura.com/~administrator/
==> DIRECTORY: https://mitkundapura.com/~amanda/
==> DIRECTORY: https://mitkundapura.com/~apache/
==> DIRECTORY: https://mitkundapura.com/~bin/
==> DIRECTORY: https://mitkundapura.com/~ftp/
==> DIRECTORY: https://mitkundapura.com/~guest/
==> DIRECTORY: https://mitkundapura.com/~http/
==> DIRECTORY: https://mitkundapura.com/~httpd/
```

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==> DIRECTORY: https://mitkundapura.com/~log/
==> DIRECTORY: https://mitkundapura.com/~logs/
==> DIRECTORY: https://mitkundapura.com/~lp/
==> DIRECTORY: https://mitkundapura.com/~mail/
==> DIRECTORY: https://mitkundapura.com/~nobody/
==> DIRECTORY: https://mitkundapura.com/~operator/
==> DIRECTORY: https://mitkundapura.com/~root/
==> DIRECTORY: https://mitkundapura.com/~sys/
==> DIRECTORY: https://mitkundapura.com/~sysadm/
==> DIRECTORY: https://mitkundapura.com/~sysadmin/
==> DIRECTORY: https://mitkundapura.com/~test/
==> DIRECTORY: https://mitkundapura.com/~tmp/
==> DIRECTORY: https://mitkundapura.com/~user/
==> DIRECTORY: https://mitkundapura.com/~webmaster/
==> DIRECTORY: https://mitkundapura.com/~www/
^Z> Testing: https://mitkundapura.com/14
zsh: suspended  dirb https://mitkundapura.com /usr/share/dirb/wordlists/common.txt -o file.tx

┌──(kali㉿kali)-[~]
└─$ echo "rekha"
rekha
```

4. Searchsploit:

SearchSploit is a command-line search tool for Exploit-DB that allows you to take a copy of the Exploit Database with you. Searchsploit is included in the Exploit Database repository on GitHub. SearchSploit is very useful for security assessments when you don't have Internet access because it gives you the power to perform detailed offline searches for exploits in the saved Exploit-DB.

Command:

Searches can be restricted to the titles by using the –t options:

searchsploit –t windows oracle

searchsploit wordpress mail list

5. weevely:

Weevely is a stealth PHP web shell that simulate telnet-like connection. It is an essential tool for web application post exploitation, and can be used as stealth backdoor or as a web shell to manage legit web accounts, even free hosted ones.

Command:

Generate PHP backdoor with weevely tool

weevely generate 12345 404.php

weevely http://192.168.19.132/404.php 12345