RECON-NG

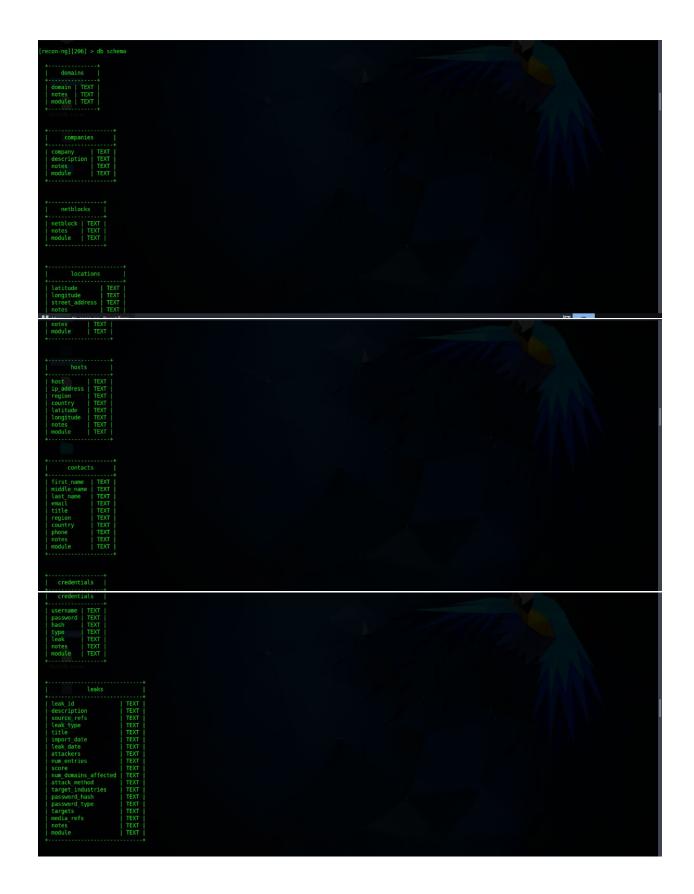
1. Launching Recon-ng:

```
| Sponsored by... | Common | C
```

2. Help command:



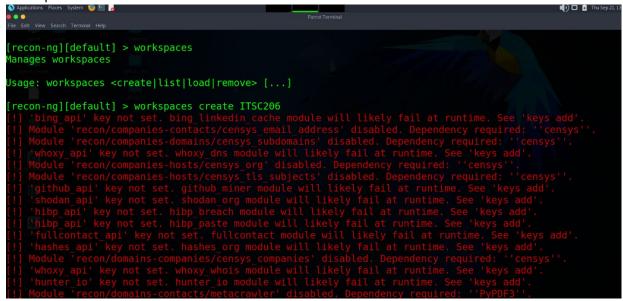
DATABASE: help db







3. Workspaces:



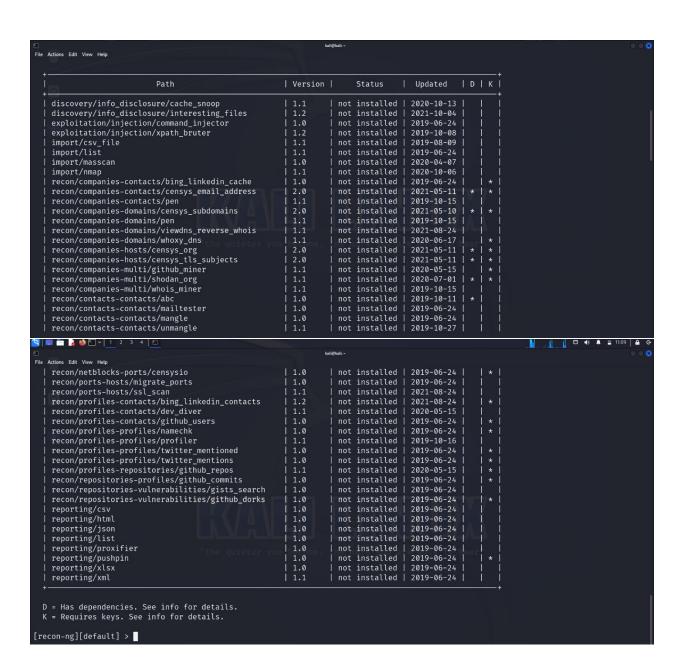
You can load an existing workspace by the following command:

```
rie con new search rennium new
[recon-ng][default] > workspaces load ITSC206
```

Opening up the directory directly for a particular workspace.



- 4. Marketplace search: It will give you a list of modules present in this framework.
- 5. Command : marketplace search



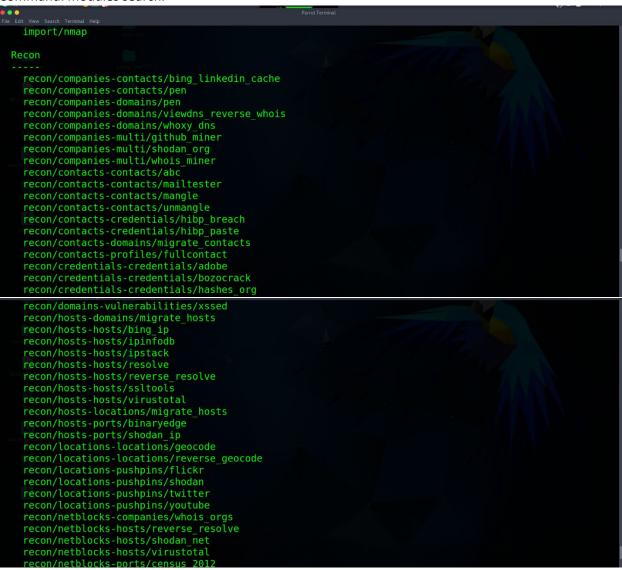
• To install all modules in one go, give the command : marketplace install all

```
[recon-ng][ISA] > marketplace install all
indule installed: discovery/info disclosure/cache snoop
indule installed: discovery/info disclosure/interesting_files
indule installed: exploitation/injection/command_injector
indule installed: exploitation/injection/command_injector
indule installed: exploitation/injection/command_injector
indule installed: import/csv_file
indule installed: import/csv_file
indule installed: import/masp
indule installed: import/masp
indule installed: import/masp
indule installed: ercon/companies-contacts/bing_linkedin_cache
indule installed: recon/companies-contacts/ensys_enail_address
indule installed: recon/companies-contacts/ensys_enail_address
indule installed: recon/companies-domains/censys_subdomains
indule installed: recon/companies-domains/viewdns reverse_whois
indule installed: recon/companies-domains/viewdns reverse_whois
indule installed: recon/companies-domains/viewdns
indule installed: recon/companies-mosts/censys_org
indule installed: recon/companies-mosts/censys_org
indule installed: recon/companies-mosts/censys_org
indule installed: recon/companies-multi/yibidan_org
indule installed: recon/companies-contacts/mangle
indule installed: recon/contacts-contacts/mangle
indule installed: recon/contacts-contacts/mangle
indule installed: recon/contacts-contacts/mangle
indule installed: recon/contacts-credentials/hibp_paste
```

ion View Search Terminal Help con-ng][default] > marketplace search					
Path	Version	Status	Updated	D	K
discovery/info disclosure/cache snoop	1.1	installed	2020-10-13	1	
discovery/info disclosure/interesting files	1.2	installed	2021-10-04		
exploitation/injection/command injector	1.0	installed	2019-06-24		
exploitation/injection/xpath bruter	1.2	installed			
import/csv file	1.1	installed	2019-08-09		
import/list	1.1	installed	2019-06-24		
import/masscan	1.0	installed			
import/nmap	1.1	installed	2020-10-06		
recon/companies-contacts/bing linkedin cache	1.0	installed	2019-06-24		*
recon/companies-contacts/censys email address	2.0	disabled	2021-05-11		*
recon/companies-contacts/pen	1.1	installed	2019-10-15		
recon/companies-domains/censys subdomains	2.0	disabled	2021-05-10		*
recon/companies-domains/pen	1.1	installed	2019-10-15		
recon/companies-domains/viewdns reverse whois	1.1	installed	2021-08-24		
recon/companies-domains/whoxy dns	1.1	installed	2020-06-17		*
recon/companies-hosts/censys org	2.0	disabled	2021-05-11		*
recon/companies-hosts/censys tls subjects	2.0	disabled	2021-05-11		*
recon/companies-multi/github miner	1.1	installed	2020-05-15		*
recon/domains-hosts/censys_domain	2.0	disabled	2021-05-10		*
recon/domains-hosts/certificate transparency	1.2	installed	2019-09-16	i	
recon/domains-hosts/google site web	1.0	installed	2019-06-24		i i
recon/domains-hosts/hackertarget	1.1	installed	2020-05-17		
recon/domains-hosts/mx spf ip	1.0	installed	2019-06-24		
recon/domains-hosts/netcraft	1.1	installed	2020-02-05	1	
recon/domains-hosts/shodan hostname	1.1	installed	2020-07-01		*
recon/domains-hosts/spyse subdomains	1.1	installed	2021-08-24		*
recon/domains-hosts/ssl_san	1.0	installed	2019-06-24		
recon/domains-hosts/threatcrowd	1.0	installed	2019-06-24		
recon/domains-hosts/threatminer	1.0	installed	2019-06-24		
recon/domains-vulnerabilities/ghdb	1.1	installed	2019-06-26		
recon/domains-vulnerabilities/xssed	1.1	installed	2020-10-18		
recon/hosts-domains/migrate hosts	1.1	installed	2020-05-17		
recon/hosts-hosts/bing_ip	1.0	installed	2019-06-24		*
recon/hosts-hosts/censys hostname	2.0	disabled	2021-05-10		*
recon/hosts-hosts/censys_ip	2.0	disabled	2021-05-10		*
recon/hosts-hosts/censys_query	2.0	disabled	2021-05-10		*
recon/hosts-hosts/ipinfodb	1.2	installed	2021-08-24		*
recon/hosts-hosts/ipstack	1.0	installed	2019-06-24		*
recon/hosts-hosts/resolve	1.0	installed	2019-06-24		
recon/hosts-hosts/reverse_resolve	1.0	installed	2019-06-24		
recon/hosts-hosts/ssltools	1.0	installed	2019-06-24		

6. Installing a module: modules install (module name)

- 7. Modules search: It will give you the list of installed modules in the framework.
- 8. Command: modules search.



Modules are grouped together under various categories:

- Discovery
- Exploitation
- Import
- Recon
- Reporting

Back command:

Getting details regarding current module: info

Searching something specific:

```
recon-ng][ITSC206] > marketplace search ssl
*] Searching module index for 'ssl'...
                                                Status | Updated
                                                                        | D | K |
                                               installed |
   recon/domains-hosts/ssl_san | 1.0
                                                            2019-06-24
                                   1.0
   recon/hosts-hosts/ssltools
                                               installed
                                                            2019-06-24
   recon/ports-hosts/ssl_scan
                                               installed
                                                            2021-08-24
D = Has dependencies. See info for details.
K = Requires keys. See info for details.
recon-ng][ITSC206] >
```

Gathering more info:

RECON-NG EXAMPLE:

Gathering information about subdomains.

- Command to install the module: marketplace install hackertarget
- Load the module:

```
| Parect | Running|- Crack VM VirtualBox | File Machine Vew Popt Devices Hulp | Applications Places System | No. |
```

• Module help:

• Set source : options set SOURCE yourtarget

Checking info and input:

• Run:

```
[recon-ng][ITSC200][hackertarget] > run

TESTPHP.VULLWMEB.COM

[*] Country: None
[*] Host: testphp.vulnweb.com
[*] Ip Address: 44.228.249.3
[*] Latitude: None
[*] Longitude: None
[*] Notes: None
[*] Region: None
[*] Region: None
[*] Total (1 new) hosts found.
```

Command: show hostsCommand: show domains



What if we want to create a report?

REPORTING MODULE:

Lets use the module reporting/html.

Setting creator & customer:

```
[recon-ng][206][html] > options set CREATOR Class206
CREATOR ⇒ Class206
[recon-ng][206][html] > options set CUSTOMER testphp
CUSTOMER = testphp
[recon-ng][206][html] > ■
```

Creating a file:

```
| parrot@arrot|-|-|
| $touch report.html
| parrot@arrot|-|-|
| $parrot@arrot|-|-|
| $parrot@arrot|-|-|
| $parrot@arrot|-|-|
| $parrot@arrot|-|-|
```

```
parct Running] - Oracle VM VirtualBox

File Midchie View Bupt Boxics High
Applications Places System

Applications Places System

File Edit View Search Terminal Help

[recon.ng] [206] [html] > options set CREATOR Class206

CREATOR => Class206

[recon.ng] [206] [html] > options set CUSTOMER testphp

CUSTOMER => testphp

[recon.ng] [206] [html] > options set FILENAME /home/parrot/report.html

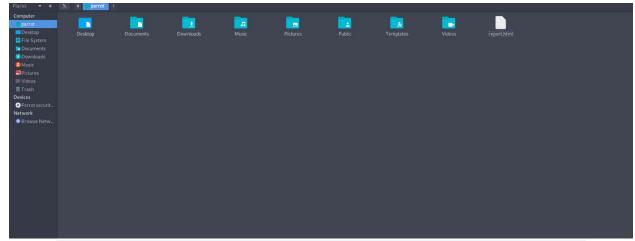
FILENAME => /home/parrot/report.html

[recon.ng] [206] [html] >
```

Lets run:

```
[recon-ng][Z06][html] >

| The proof of the
```



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