Recon-ng Marketplace & Modules

Modules: -

The marketplace in Recon-ng is a repository of modules, similar to a package repository in other software systems. It is where users can find, install, update, and manage various modules that extend the functionality of the Recon-ng framework. The marketplace allows for the centralized distribution and management of modules, making it easier for users to add new capabilities to their Recon-ng installations.

Modules: -

Modules are the building blocks of Recon-ng, each designed to perform a specific task or set of tasks related to reconnaissance. They are plug-ins that can be loaded, configured, and executed within the Recon-ng framework. Modules can perform a wide range of activities, from gathering domain information to searching social media for user data.

Commands: -

1. To get the manual page of marketplace will we use <mark>help</mark> command along with marketplace keyword.

```
[recon-ng][default] > marketplace help
Interfaces with the module marketplace

Usage: marketplace <info|install|refresh|remove|search> [...]
```

2. In order to list all the available modules we will use <mark>search</mark> command.

```
[recon-ng][default] > marketplace search

+---------------------------------------------------------------------------+
|                 Path                   | Version |    Status    |  Updated   | D | K |
+---------------------------------------------------------------------------+
| discovery/info_disclosure/cache_snoop          | 1.1 | not installed | 2020-10-13 |   |   |
| discovery/info_disclosure/interesting_files    | 1.2 | not installed | 2021-10-04 |   |   |
| exploitation/injection/command_injector        | 1.0 | not installed | 2019-06-24 |   |   |
| exploitation/injection/xpath_bruter            | 1.2 | not installed | 2019-10-08 |   |   |
| import/csv_file                                | 1.1 | not installed | 2019-08-09 |   |   |
| import/list                                    | 1.1 | not installed | 2019-06-24 |   |   |
| import/masscan                                 | 1.0 | not installed | 2020-04-07 |   |   |
| import/nmap                                    | 1.1 | not installed | 2020-10-06 |   |   |
| recon/companies-contacts/bing_linkedin_cache   | 1.0 | not installed | 2019-06-24 |   | * |
| recon/companies-contacts/censys_email_address  | 2.1 | not installed | 2022-01-31 | * | * |
| recon/companies-contacts/pen                   | 1.1 | not installed | 2019-10-15 |   |   |
| recon/companies-domains/censys_subdomains      | 2.1 | not installed | 2022-01-31 | * | * |
| recon/companies-domains/pen                    | 1.1 | not installed | 2019-10-15 |   |   |
| recon/companies-domains/viewdns_reverse_whois  | 1.1 | not installed | 2021-08-24 |   |   |
| recon/companies-domains/whoxy_dns              | 1.1 | not installed | 2020-06-17 |   | * |
| recon/companies-multi/censys_org               | 2.1 | not installed | 2022-01-31 | * | * |
| recon/companies-multi/censys_tls_subjects      | 2.1 | not installed | 2022-01-31 | * | * |
| recon/companies-multi/github_miner             | 1.1 | not installed | 2020-05-15 |   | * |
| recon/companies-multi/shodan_org               | 1.1 | not installed | 2020-07-01 | * | * |
| recon/companies-multi/whois_miner              | 1.1 | not installed | 2019-10-15 |   |   |
| recon/contacts-contacts/abc                    | 1.0 | not installed | 2019-10-11 | * |   |
| recon/contacts-contacts/mailtester             | 1.0 | not installed | 2019-06-24 |   |   |
| recon/contacts-contacts/mangle                 | 1.0 | not installed | 2019-06-24 |   |   |
| recon/contacts-contacts/unmangle               | 1.1 | not installed | 2019-10-27 |   |   |
| recon/contacts-credentials/hibp_breach         | 1.2 | not installed | 2019-09-10 |   | * |
| recon/contacts-credentials/hibp_paste          | 1.1 | not installed | 2019-09-10 |   | * |
| recon/contacts-domains/censys_email_to_domains | 2.1 | not installed | 2022-01-31 | * | * |
| recon/contacts-domains/migrate_contacts        | 1.1 | not installed | 2020-05-17 |   |   |
| recon/contacts-profiles/fullcontact            | 1.1 | not installed | 2019-07-24 |   | * |
| recon/credentials-credentials/adobe            | 1.0 | not installed | 2019-06-24 |   |   |
| recon/credentials-credentials/bozocrack        | 1.0 | not installed | 2019-06-24 |   |   |
| recon/credentials-credentials/hashes_org       | 1.0 | not installed | 2019-06-24 |   | * |
| recon/domains-companies/censys_companies       | 2.1 | not installed | 2022-01-31 | * | * |
| recon/domains-companies/pen                    | 1.1 | not installed | 2019-10-15 |   |   |
| recon/domains-companies/whoxy_whois            | 1.1 | not installed | 2020-06-24 |   | * |
```

3. If you want to search a specific module we will use the
==search== command.

```
[recon-ng][default] > marketplace search json
[*] Searching module index for 'json'...

+---------------------------------------------------------------+
|       Path       | Version |     Status      |   Updated    | D | K |
+---------------------------------------------------------------+
| reporting/json | 1.0     | not installed | 2019-06-24 |   |   |
+---------------------------------------------------------------+

D = Has dependencies. See info for details.
K = Requires keys. See info for details.
```

4. As we can see below our search result i.e. json module
is not installed. So, we must install it otherwise we cant
able to use it.

```
[recon-ng][default] > marketplace search json
[*] Searching module index for 'json'...

+---------------------------------------------------------------+
|       Path       | Version |     Status      |   Updated    | D | K |
+---------------------------------------------------------------+
| reporting/json | 1.0     | not installed | 2019-06-24 |   |   |
+---------------------------------------------------------------+

D = Has dependencies. See info for details.
K = Requires keys. See info for details.
```

5. To ==install== it we will use install command along with the
module name.

```
[recon-ng][default] > marketplace install reporting/json
[*] Module installed: reporting/json
[*] Reloading modules...
[recon-ng][default] > marketplace info reporting/json

+------------------------------------------+
| path          | reporting/json          |
| name          | JSON Report Generator   |
| author        | Paul (@PaulWebSec)      |
| version       | 1.0                     |
| last_updated  | 2019-06-24              |
| description   | Creates a JSON report.  |
| required_keys | []                      |
| dependencies  | []                      |
| files         | []                      |
| status        | installed               |
+------------------------------------------+
```

6. If you want <mark>remove</mark> any unwanted module we can use remove command along with the module name.

```
[recon-ng][default] > marketplace remove reporting/json
[*] Module removed: reporting/json
[*] Reloading modules...
```

7. As we can see below our module is now removed from the marketplace.

```
[recon-ng][default] > marketplace search json
[*] Searching module index for 'json'...

  +--------------------------------------------------------------+
  |      Path       | Version |    Status     |  Updated   | D | K |
  +--------------------------------------------------------------+
  | reporting/json  | 1.0     | not installed | 2019-06-24 |   |   |
  +--------------------------------------------------------------+

  D = Has dependencies. See info for details.
  K = Requires keys. See info for details.
```