Passive Reconnaissance Report

Internship Assignment – Passive
Footprinting & Reconnaissance

Submitted By: Prashant Sengar

To: Skill Horizon

1. Target Information

Chosen Target Domain: Nigc.gov

Scope: Public Bug Bounty

Program

2. WHOIS & DNS Findings Registrar:

```
sengar®kali)-[~]
$ whois nigc.gov

Domain Name: nigc.gov

Registrar WHOIS Server: whois.nic.gov

Registrar URL: https://get.gov

Updated Date: 2025-06-14T16:20:01Z

Creation Date: 1998-05-12T14:55:02Z

Registry Expiry Date: 2025-09-30T04:00:00Z

Registrar: get.gov

Registrar IANA ID: 8888888

Registrar Abuse Contact Email:
```

```
(sengar®kali)-[~]
 -$ dig nigc.gov A
; <<>> DiG 9.20.0-Debian <<>> nigc.gov A
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 3176
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 2, ADDITIONAL: 5
;; OPT PSEUDOSECTION:
  EDNS: version: 0, flags:; udp: 4096
; COOKIE: 888a3bb410192b97ba9b63a668beb1fdebf4d66be2c48e70 (good)
;; QUESTION SECTION:
;nigc.gov.
                                   IN
                                            Α
;; ANSWER SECTION:
                           900
                                   IN
                                                     51.54.101.43
nigc.gov.
                                            Α
;; AUTHORITY SECTION:
                           10707
                                   IN
                                            NS
nigc.gov.
                                                     authns1.qwest.net.
nigc.gov.
                           10707
                                   IN
                                            NS
                                                     authns2.qwest.net.
;; ADDITIONAL SECTION:
authns1.qwest.net.
                          15684
                                   IN
                                            Α
                                                     63.150.72.4
                                            Α
                                                     208.44.130.120
authns2.qwest.net.
                           15684
                                   ΙN
                           15684
                                   IN
                                                     2001:428::5
                                            AAAA
authns1.qwest.net.
                          15684
                                   IN
                                            AAAA
                                                     2001:428::6
authns2.qwest.net.
;; Query time: 328 msec
;; SERVER: 103 99 108
  SERVER: 103.99.198.3#53(103.99.198.3) (UDP)
   WHEN: Mon Sep 08 16:07:45 IST 2025
   MSG SIZE rcvd: 222
```

```
-(sengar⊕kali)-[~]
—$ dig cname nigc.gov
 <>>> DiG 9.20.0-Debian <<>> cname nigc.gov
 global options: +cmd
 Got answer:
  ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 3113
  flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1
 OPT PSEUDOSECTION:
 EDNS: version: 0, flags:; udp: 4096
 COOKIE: 78367af6a81a86a78f733bf968beb1c8e4e7ec51178a7ee9 (good)
 QUESTION SECTION:
nigc.gov.
                              IN
                                      CNAME
 AUTHORITY SECTION:
                              IN
                                      SOA
                                              authns1.qwest.net. abuse.centurylinkservices.net. 2250718002 10800 3600 604800 3600
nigc.gov.
 Query time: 316 msec
  SERVER: 103.99.198.3#53(103.99.198.3) (UDP)
  WHEN: Mon Sep 08 16:06:53 IST 2025
 MSG SIZE rcvd: 144
```

Findings:

Registrar: - get.gov Registrant Organization: Redacted for Privacy

Name Servers: authns1.qwest.net A Record: 63.150.72.4

MX Record: - nigc-gov.mail.protection.outlook.com

3. Subdomain Enumeration

Tools used: subfinder, assetfinder, amass (passive)

1-Subfinder Findings

```
—(sengar⊕kali)-[~/intern]
—$ subfinder -d nigc.gov | tee subfinder.txt
                     projectdiscovery.io
    F] Current subfinder version v2.8.0 (latest)
[INF] Loading provider config from /home/sengar/.config/subfinder/provider-config.yaml
[INF] Enumerating subdomains for nigc.gov
[INF] Found 39 subdomains for nigc.gov in 6 seconds 973 milliseconds
support.nigc.gov
vpn.nigc.gov
enterpriseregistration.nigc.gov
sts.nigc.gov
owa.nigc.gov
www.sts.nigc.gov
www.nigc.gov
www.vap.nigc.gov
nigc-cas.nigc.gov
enterpriseenrollment.nigc.gov
autodiscover.nigc.gov
rdp.nigc.gov
remote.nigc.gov
vap.nigc.gov
lyncdiscover.nigc.gov
sip.nigc.gov
www.guestportal.nigc.gov
admin.tap.nigc.gov
certauth.sts.nigc.gov
www.tap.nigc.gov
fp.nigc.gov
sft.nigc.gov
www.sft.nigc.gov
www.vpn.nigc.gov
```

Command used : subfinder –d nigc.gov >> subfinder.txt

2- Assestfinder Findings

```
—(sengar⊕kali)-[~/intern]
—$ assetfinder -subs-only nigc.gov | tee assestfinder.txt
assetfinder -subs
nigc.gov
guestportal.nigc.gov
mail.nigc.gov
nigcpfws.nigc.gov
owa.nigc.gov
tap.nigc.gov
vpn.nigc.gov
www.nigc.gov
sft.nigc.gov
staging.nigc.gov
admintap.nigc.gov
fpmail.nigc.gov
 fp.nigc.gov
*.nigc.gov
 nigc.gov
rdp.nigc.gov
tims.nigc.gov
remote.nigc.gov
sft.nigc.gov
www.sft.nigc.gov
support.nigc.gov
www.support.nigc.gov
nigc.gov
www.nigc.gov
admintap.nigc.gov
fpmail.nigc.gov
 fp.nigc.gov
  *.nigc.gov
nigc.gov
 owa.nigc.gov
rdp.nigc.gov
tap.nigc.gov
tap.nigc.gov
tims.nigc.gov
guestportal.nigc.gov
www.guestportal.nigc.gov
vpn.nigc.gov
 www.vpn.nigc.gov
vap.nigc.gov
 www.vap.nigc.gov
admintap.nigc.gov
   fpmail.nigc.gov
```

Command Used:-assestfinder -subs-only nigc.gov | tee assestfinder.txt

3-Amass enum -passive nigc.gov

4. Email & Employee Data

Tools Used: the Harvester

```
(sengar@ kali)=[*/intern]
Read proxies/yaul from /home/sengar/.thekarvester/proxies.yaml

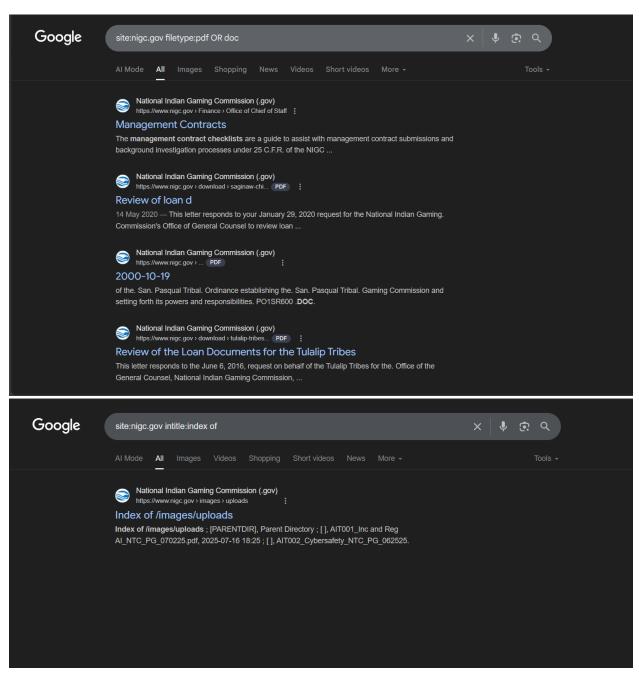
** thekarvester 4.6.8
* Coded by Christian Martorella
* Edge-Security Research
* cmartorella@edge-security.com

**

[*] Target: nigc.gov

Read api-keys.yaml from /home/sengar/.theHarvester/api-keys.yaml
Searching 0 results.
[a] Searching Bing.
[a] Searching Ring.
[a] Searching Crish.
[b] Searching Crish.
[c] Searching Crish.
[a] Searching Crish.
[b] Searching Crish.
[c] Searching Crish.
[a] Searching Crish.
[b] Searching Crish.
[c] Searching Crish.
[a] Searching Crish.
[b] Searching Crish.
[b] Searching Crish.
[c] Sea
```

5. Google Dorking To find some PII leak Site:nigc.gov intitle:"index of"



6. Meta Data Information

```
—(sengar⊕kali)-[~]
 sexiftool 2023_Surveillance_Toolkit.pdf
ExifTool Version Number
                               : 2023_Surveillance_Toolkit.pdf
File Name
Directory
File Size
                              : 1284 kB
File Modification Date/Time : 2024:12:03 02:02:52+05:30
File Access Date/Time
                             : 2025:09:10 14:15:49+05:30
File Inode Change Date/Time : 2025:09:10 14:15:49+05:30
File Permissions
                               : -rw-rw-r--
File Type
                               : PDF
File Type Extension
                              : pdf
MIME Type
                               : application/pdf
PDF Version
                              : 1.7
Linearized
                              : No
                              : kirian.fixico
Author
Create Date
                              : 2023:01:04 11:15:14-07:00
Modify Date
                              : 2023:01:04 11:15:14-07:00
Producer
                              : Microsoft: Print To PDF
                               : Microsoft Word - 2023.01.03_543.21 Surveillance ToolkitSB
Title
Page Count
                               : 41
```

7-JavaScript Analysis!..

First gather all .js files from Tools like katana ,gau ,waybackurls

```
__(sengar⊕ kali)-[~/intern]
_$ katana -u nigc.gov -jc | grep "\.js$"
                                                                               projectdiscovery.io
[INF] Current katana version v1.2.2 (latest)
[INF] Started standard crawling for => https://nigc.gov
https://www.nigc.gov/wp-content/plugins/wp-rocket/assets/js/wpr-beacon.min.js
  https://www.nigc.gov/gtm.js
https://www.nigc.gov/wp-content/uploads/perfmatters/gtm.j
 https://www.nigc.gov/wp-content/plugins/wp-rocket/assets/js/lazyload/17.8.3/lazyload.min.js
https://www.nigc.gov/wp-content/plugins/wp-rocket/assets/js/lazyload/17.8.3/lazyload.min.js
https://www.nigc.gov/wp-content/plugins/the-plus-addons-for-block-editor/assets/js/extra/Splide.js
https://www.nigc.gov/wp-content/cache/min/1/wp-content/uploads/perfmatters/gtm.js
 https://www.nigc.gov/wp-content/plugins/the-events-calendar/common/build/js/underscore-after.js
https://www.nigc.gov/wp-content/plugins/the-events-calendar/common/build/js/underscore-before.js
https://www.nigc.gov/lib/deflate.js
  https://www.nigc.gov/wp-content/plugins/the-events-calendar/common/vendor/datatables/Moment.js
      -(sengar© kali)-[~/intern]
$ gau nigc.gov | grep "\.js$" >> js3.txt
RN[0000] error reading config: Config file /home/sengar/.gau.toml not found, using default config
        -(sengar@kali)-[~/intern]
      nass.txt assestfinder.txt js.txt js2.txt js3.txt subfinder.txt
 ___(sengar®kali)-[~/intern]

$ cat js3.txt | wc -l

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(sengar⊕ kali)-[~/intern]

$ cat js3.txt

https://www.nigc.gov/calendar_main/event/7316/Popover%20requires%20tooltip.js

https://www.nigc.gov/calendar_main/month/by_calendar/nigc-events/Popover%20requires%20tooltip.js

https://www.nigc.gov/commission/contact-nigc/gtm.js

https://www.nigc.gov/commission/fac-detail/gtm.js

https://www.nigc.gov/commission/faqs/detail/gtm.js

https://www.nigc.gov/commission/faqs/detail/gtm.js

https://www.nigc.gov/commission/faqs/detail/gtm.js

https://www.nigc.gov/commission/faqs/detail/gtm.js

https://www.nigc.gov/commission/faqs/detail/gtm.js

https://www.nigc.gov/commission/faqs/detail/gtm.js

https://www.nigc.gov/commission/falps/detail/gtm.js

https://www.nigc.gov/commission/popover%20requires%20tooltip.js

https://www.nigc.gov/commission/Popover%20requires%20tooltip.js

https://www.nigc.gov/compliance/bulletins/gtm.js

https://www.nigc.gov/compliance/detail/gtm.js

http://www.nigc.gov/compliance/detail/gtm.js

http://www.nigc.gov/compliance/detail/gtm.js

http://www.nigc.gov/compliance/detail/gtm.js

http://www.nigc.gov/compliance/detail/gtm.js

http://www.nigc.gov/compliance/detail/gtm.js

http://www.nigc.gov/compliance/detail/gtm.js

http://www.nigc.gov/compliance/detail/gtm.js

http://www.nigc.gov/compliance/detail/gtm.js

http://nigc.gov/compliance/detail/gtm.js

http://nigc.gov/compliance/detail/gtm.js

http://nigc.gov/comp
```

Findings Hidden Links in .JS to Find potential Leaks like api key etc..

Tool Used: jsleak

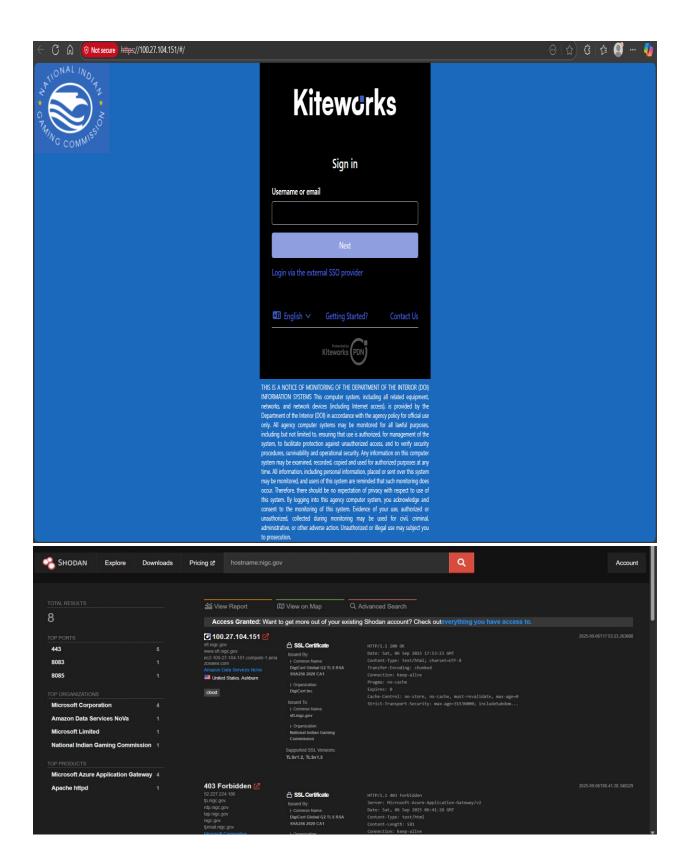
Command Used: cat js.txt | jsleak –l –s

-l for enable link finder -s for enable secret finder

Finds: some links and keys buts seems like it's only informational

8. OSINT Findings

USED:- SHODAN to find senstive information or login pannels to esclate attack surface



Findings: Found internal login panel which can be used for login attacks Like brute force etc..