

ITA1443-Ethical Hacking For Legal Systems

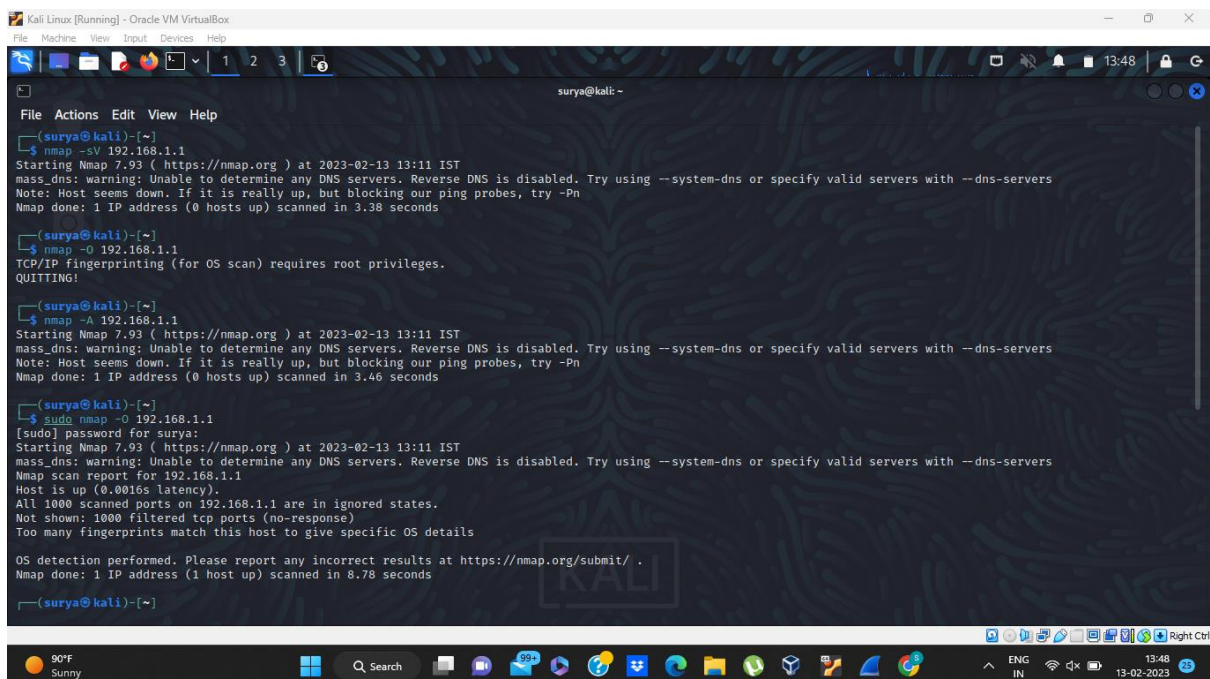
Model Pratical Examination

Name:R.Surya

RegNo:192011244

Slot:D

QUS1:



```
Kali Linux [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

surya@kali: ~
File Actions Edit View Help

(surya@kali)-[~]
$ nmap -sV 192.168.1.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-02-13 13:11 IST
mass_dns: warning: Unable to determine any DNS servers. Reverse DNS is disabled. Try using --system-dns or specify valid servers with --dns-servers
Note: Host seems down. If it is really up, but blocking our ping probes, try -Pn
Nmap done: 1 IP address (0 hosts up) scanned in 3.38 seconds

(surya@kali)-[~]
$ nmap -O 192.168.1.1
TCP/IP fingerprinting (for OS scan) requires root privileges.
QUITTING!

(surya@kali)-[~]
$ nmap -A 192.168.1.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-02-13 13:11 IST
mass_dns: warning: Unable to determine any DNS servers. Reverse DNS is disabled. Try using --system-dns or specify valid servers with --dns-servers
Note: Host seems down. If it is up, but blocking our ping probes, try -Pn
Nmap done: 1 IP address (0 hosts up) scanned in 3.46 seconds

(surya@kali)-[~]
$ sudo nmap -O 192.168.1.1
[sudo] password for surya:
Starting Nmap 7.93 ( https://nmap.org ) at 2023-02-13 13:11 IST
mass_dns: warning: Unable to determine any DNS servers. Reverse DNS is disabled. Try using --system-dns or specify valid servers with --dns-servers
Nmap scan report for 192.168.1.1
Host is up (0.0016s latency).
All 1000 scanned ports on 192.168.1.1 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)
Too many fingerprints match this host to give specific OS details

OS detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 8.78 seconds

(surya@kali)-[~]
```

Qus3:

The image displays a Wireshark network capture and a browser window showing the login page of Saveetha University. The browser window shows the URL `https://arms.sse.saveetha.com/...` and the login form with the username `192011244` and a masked password. The message "The username and password entered is invalid" is displayed below the login button.

The Wireshark capture shows the HTTP traffic. The selected packet is a 400 Bad Request response from the server to the client. The packet details pane shows the following structure:

- Line-based text data: text/html (7 lines)
- Content-Type: text/html
- Content-Length: 157
- Connection: close
- [HTTP response 1/1]
- File data: 157 bytes

The packet bytes pane shows the raw data, including the status code `400` and the reason phrase `Bad Request`.

The image displays a Wireshark network capture and a browser window showing the login page of Saveetha University. The browser window shows the URL `https://arms.sse.saveetha.com/...` and the login form with the username `192011244` and a masked password. The message "The username and password entered is invalid" is displayed below the login button.

The Wireshark capture shows the HTTP traffic. The selected packet is a 400 Bad Request response from the server to the client. The packet details pane shows the following structure:

- [Window size scaling factor: 128]
- Checksum: 0x2aa5 [unverified]
- [Checksum Status: Unverified]
- Urgent Pointer: 0
- [Timestamps]
- [SEQ/ACK analysis]
- TCP payload (309 bytes)
- Hypertext Transfer Protocol
- [Expert Info (Warning/Security): Unencrypt]
- HTTP/1.1 400 Bad Request
- Server: nginx/1.22.1
- Date: Mon, 13 Feb 2023 08:24:43 GMT
- Content-Type: text/html
- Content-Length: 157
- Connection: close

The packet bytes pane shows the raw data, including the status code `400` and the reason phrase `Bad Request`.

Qus 4:

```
(surya@kali)-[~]
$ users
surya surya
(surya@kali)-[~]
$ tree
Desktop
├── crack
├── Documents
│   ├── DEBIAN
│   │   ├── control
│   │   ├── postinst
│   │   ├── posttm
│   │   ├── preinst
│   │   └── prerm
│   └── opt
│       ├── nessus
│       │   ├── bin
│       │   │   ├── nasl
│       │   │   ├── ndbg
│       │   │   └── openssl
│       │   ├── com
│       │   │   ├── nessus
│       │   │   │   ├── CA
│       │   │   └── fipsmodule.cnf
│       │   ├── etc
│       │   │   ├── nessus
│       │   │   └── fipsmodule.cnf
│       │   └── lib
│       │       ├── nessus
│       │       │   ├── fips.so
│       │       │   ├── iconv
│       │       │   ├── adobe-stdenc.so
│       │       └── adobe-symbol.so
│       └── vega
│           ├── about_files
│           │   ├── about_cairo.html
│           │   ├── mpl-v11.txt
│           │   ├── pixman-licenses.txt
│           │   └── about.html
│           ├── configuration
│           │   ├── config.ini
│           │   ├── org.eclipse.equinox.simpleconfigurator
│           │   └── bundles.info
│           └── features
│               └── com.subgraph.vega.feature_1.0.0.201410142137
└── vega
    ├── about_files
    │   ├── about_cairo.html
    │   ├── mpl-v11.txt
    │   ├── pixman-licenses.txt
    │   └── about.html
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