

Generation and Analysing Network Attacks using Scapy

Project of the Secure Network Management course by DECAMP

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1 Reconnaissance Attacks

1.1 IP Spoofing

1.1.1 Configuration used

1.1.2 SCAPY program

```
#!/usr/bin/env python
```

1.1.3 Attacker's messages

1.1.4 Attack's result

1.1.5 How to protect the network

1.2 No Flags Set

1.2.1 Configuration used

1.2.2 SCAPY program

```
#!/usr/bin/env python
```

1.2.3 Attacker's messages

1.2.4 Attack's result

1.2.5 How to protect the network

2 DoS Attacks

2.1 ICMP Redirect

2.1.1 Configuration used

2.1.2 SCAPY program

```
#!/usr/bin/env python
```

2.1.3 Attacker's messages

2.1.4 Attack's result

2.1.5 How to protect the network

2.2 Ping of Death

2.2.1 Configuration used

2.2.2 SCAPY program

```
#!/usr/bin/env python
```

2.2.3 Attacker's messages

2.2.4 Attack's result

2.2.5 How to protect the network