UFW KALI LINUX

1. OBJECTIVE

   To implement and document basic firewall rules using UFW on Kali Linux, ensuring that unnecessary and insecure ports can be blocked while allowing essential traffic, and verifying the configuration.
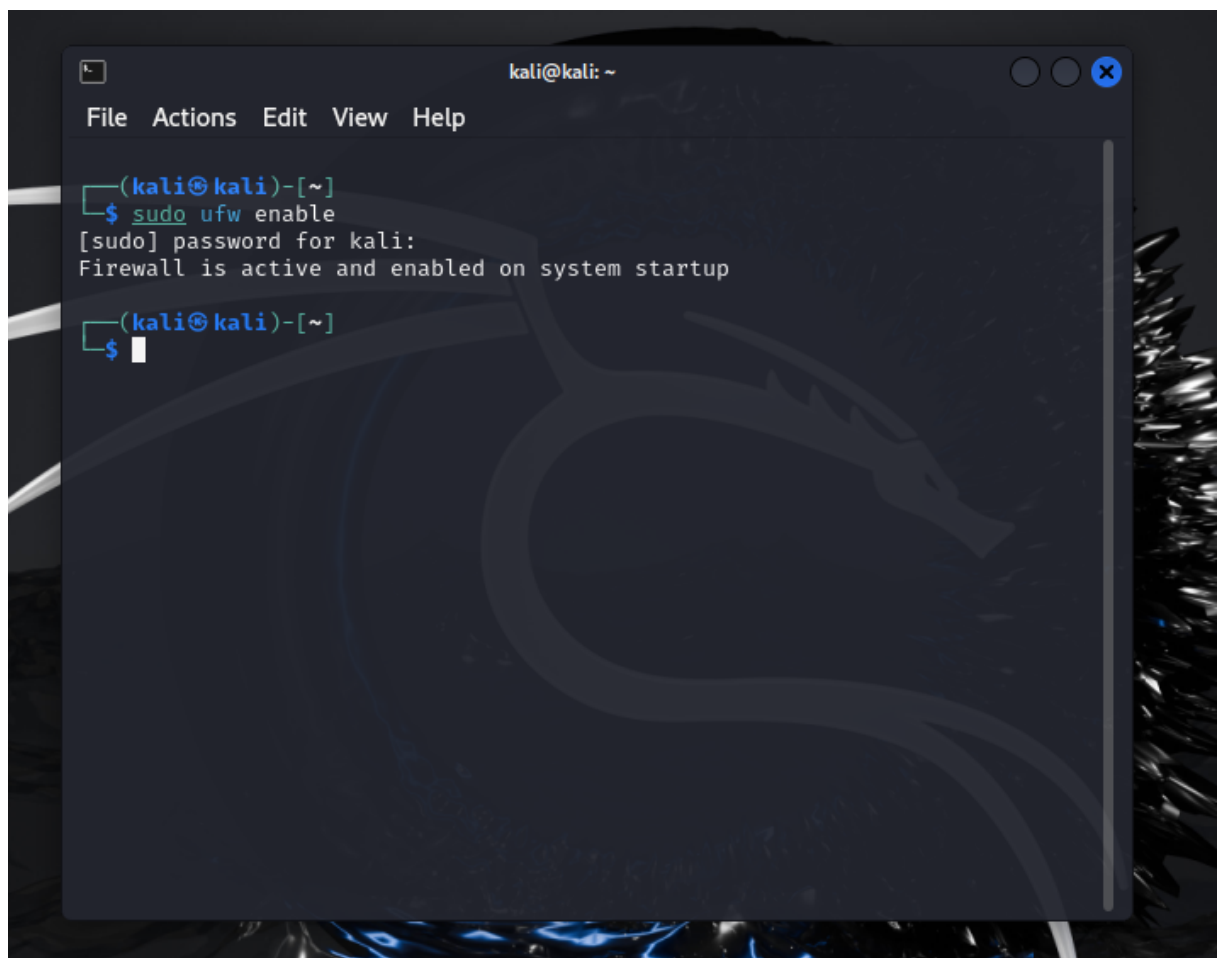
2. STEPS

   - UFW ENABLED

   - UFW ACTIVE

   - UFW BASIC RULES CONFIGURED

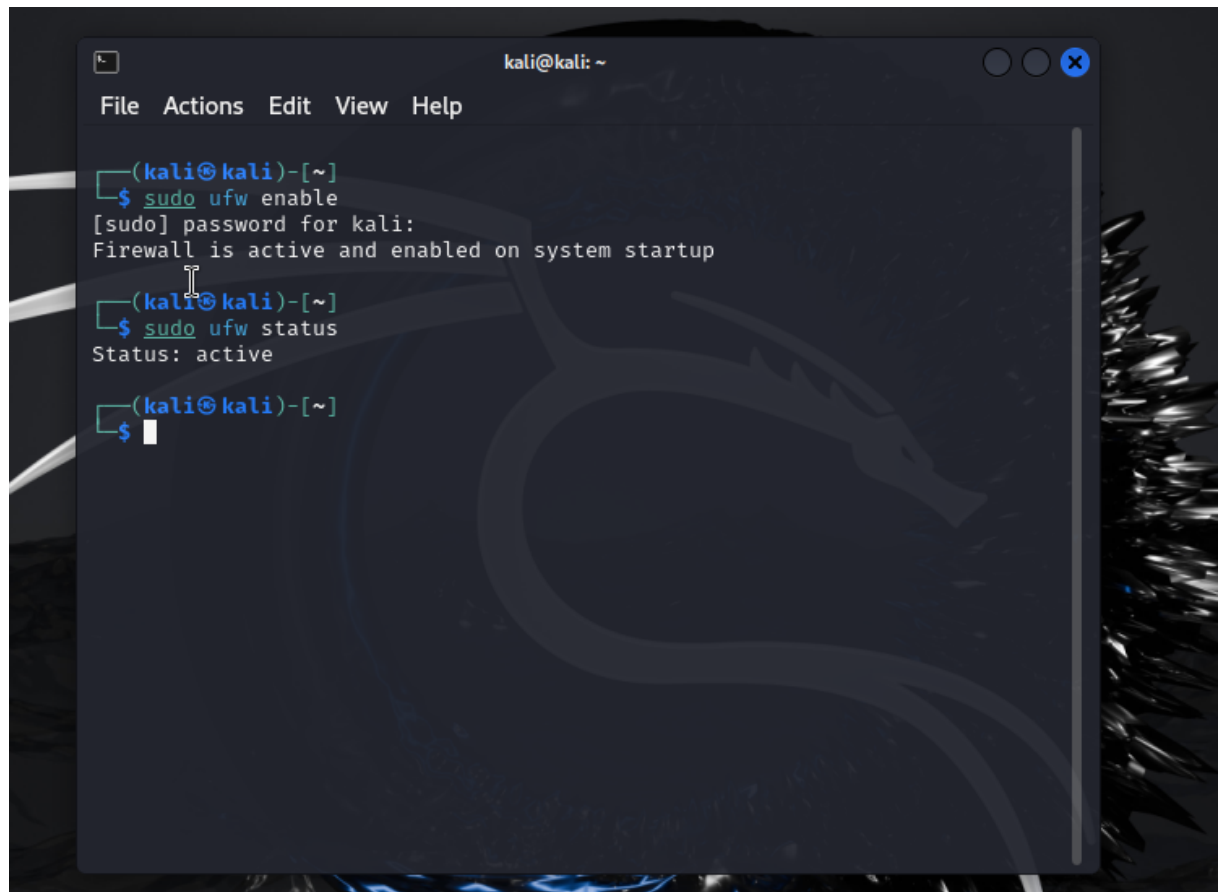   - UFW CONFIGURATION VERIFIED

3. RESULTS

   UFW is active enabled and ports 20, 21, & 23 are blocked

1. UFW Enabled

2. UFW Active

3. UFW Basic Rules Configured


```
┌──(kali㊀kali)-[~]
└─$ sudo ufw enable
[sudo] password for kali:
Firewall is active and enabled on system startup

┌──(kali㊀kali)-[~]
└─$ sudo ufw status
Status: active

┌──(kali㊀kali)-[~]
└─$ sudo ufw deny 23
Rule added
Rule added (v6)

┌──(kali㊀kali)-[~]
└─$ sudo ufw deny 20
Rule added
Rule added (v6)

┌──(kali㊀kali)-[~]
└─$ sudo ufw deny 21
Rule added
Rule added (v6)

┌──(kali㊀kali)-[~]
└─$
```
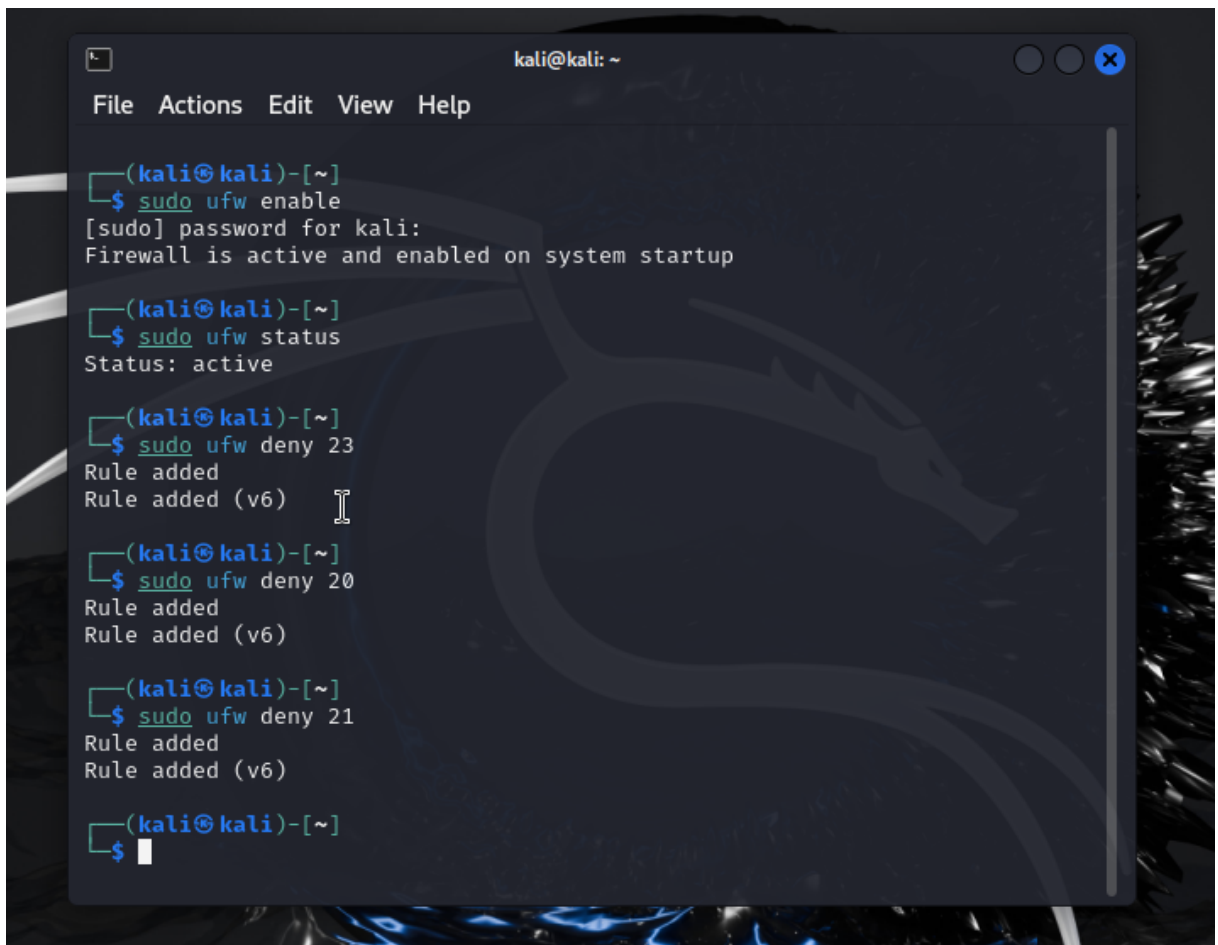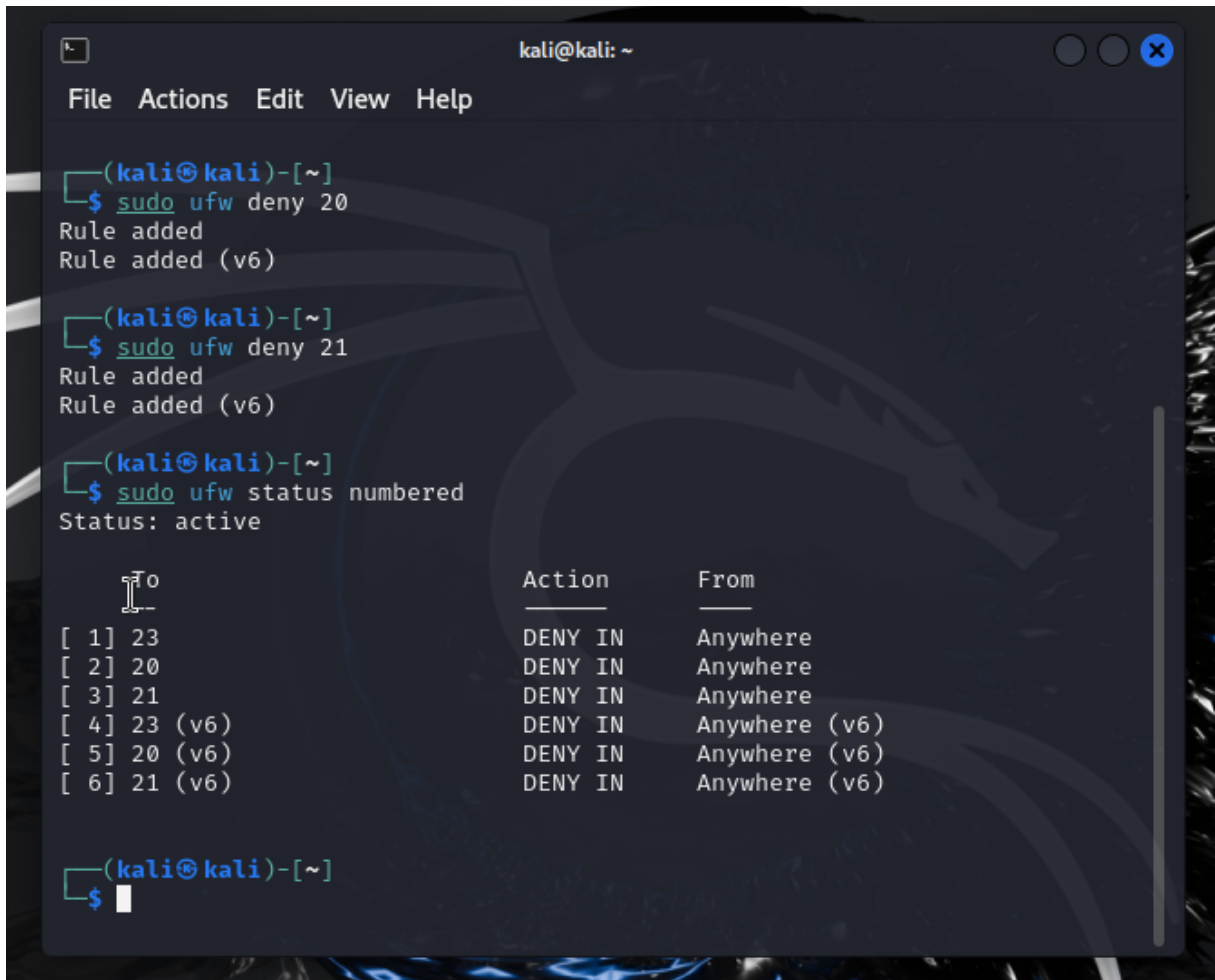
4. UFW Configuration Verified