

System and Network Security (S22CS8.403) Project Presentation

Crontab vulnerability in Ubuntu 20.04

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Crontab (**CRON TABLE**) is a file that contains a list of commands that can run at specific times.

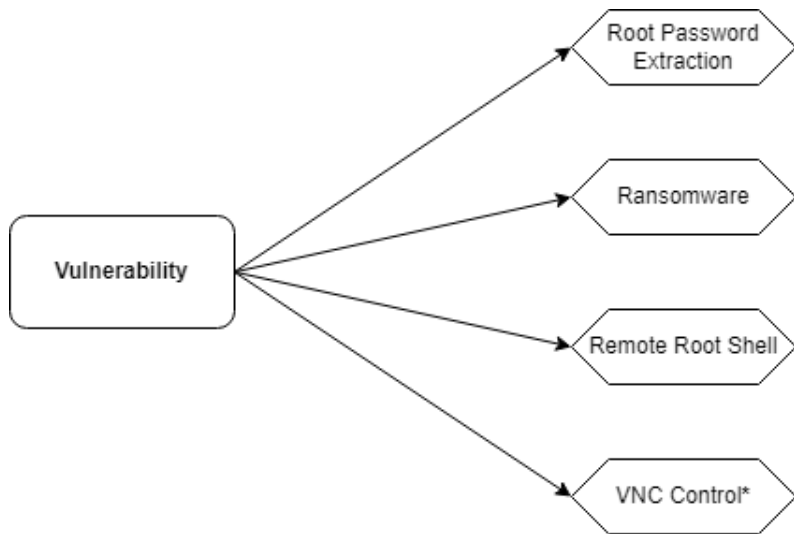
\$ crontab -e

- Commands will be executed with user permission.

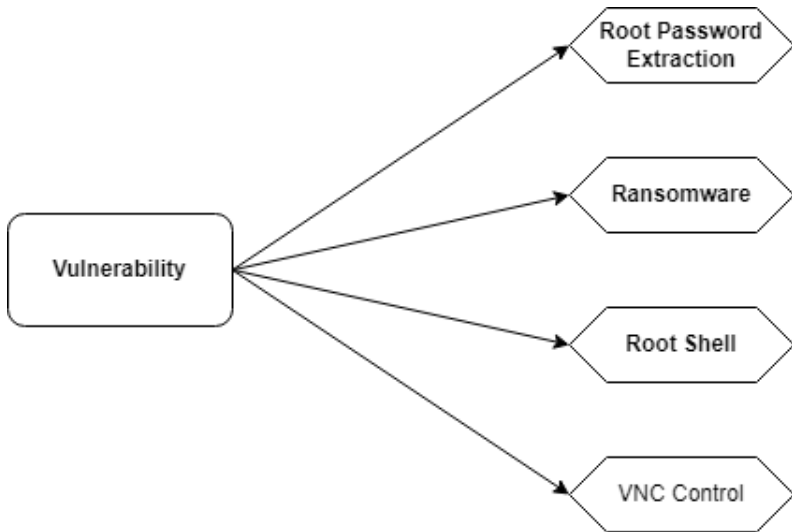
\$ sudo crontab -e

- Commands will be executed with root permission.

Attacks Possible



Attacks Possible Continued...




```
$ crontab -r
```

Proposed Solution

```
$ sudo crontab -user=root -e
```

```
$ sudo crontab -user=username -e
```


END

Thank You