## enum4linux

enum4linux is a tool used to gather information from Windows systems using SMB (Server Message Block) protocol. It is often used in penetration testing to enumerate various details about a Windows system, such as user accounts, shares, and other information.

SMB (Server Message Block) is a protocol that allows resources on the same network to share files, browse the network, and print over the network. It was initially used on Windows, but Unix systems can use SMB through Samba.

Typically, there are SMB share drives on a server that can be connected to and used to view or transfer files. SMB can often be a great starting point for an attacker looking to discover sensitive information.

## Example: -

1. To perform a basic enumeration use enum4linux command along with target IP.

2. To scan for the user we will use -U flag.

3. To run the scan in verbose mode use -v flag.

```
[v] Dependent program 'numbershap' facult in /usz/bin/met |
[v] Dependent program 'numbershap' facult in /usz/bin/met |
[v] Dependent program 'npections' facult in /usz/bin/rectionst
[v] Dependent program 'numbershap' facult in /usz/bin/rectionst
[v] Dependent program 'numbershap' facult in /usz/bin/sobstient
[v] Dep
```

4. To get information related operating system we will use - o flag along with the target IP.

```
| Server down to atthe prison makes around ( Session Check do 172.20.10.2 )
```