#1 – Obtain IP Addresses of virtual machines

- Kali Linux IP address: 172.16.1.108

A screenshot of a computer

Description automatically generated

- Metasploitable IP Address: 172.16.1.109/24

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#2 – Perform a nmap scan against metaspoitable

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#3 – Launch the msfconsole

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#4 – search samba

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#5 – run and use a command / script and show payloads –

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#6 – run set payload command

A screenshot of a computer program

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#7 Set the remote hosts and its port using the kali machine

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#8 – Evidence

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#5 - run and use a command / script and type show options

A screenshot of a computer screen

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#6 – set RHOST and show options again

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#7 – run the exploit command & press ctrl z & get the sessions list

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#8 – “use post/linux/gather/hashdump” command & run “show options” & set session command then run exploit

A screenshot of a computer program

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#9 copy the path to the Unshadowed password file

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#10 Run John the Ripper and run the file path with john

A screen shot of a computer

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#11 Decrypted of metasploitable username and password

Admin

Password