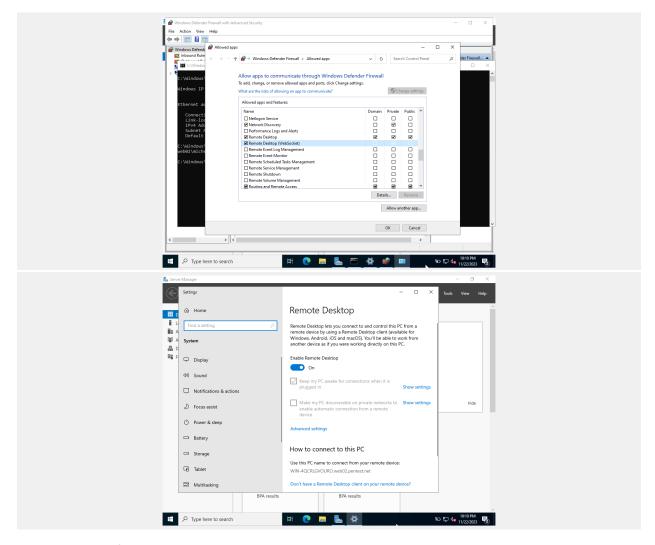
ACTIVE DIRECTORY PENTESTING

RDP CONNECTION

Windows to windows

Win+X > System > Remote desktop > enable



Allow outbound firewall rules too.

Kali:

RDP connections

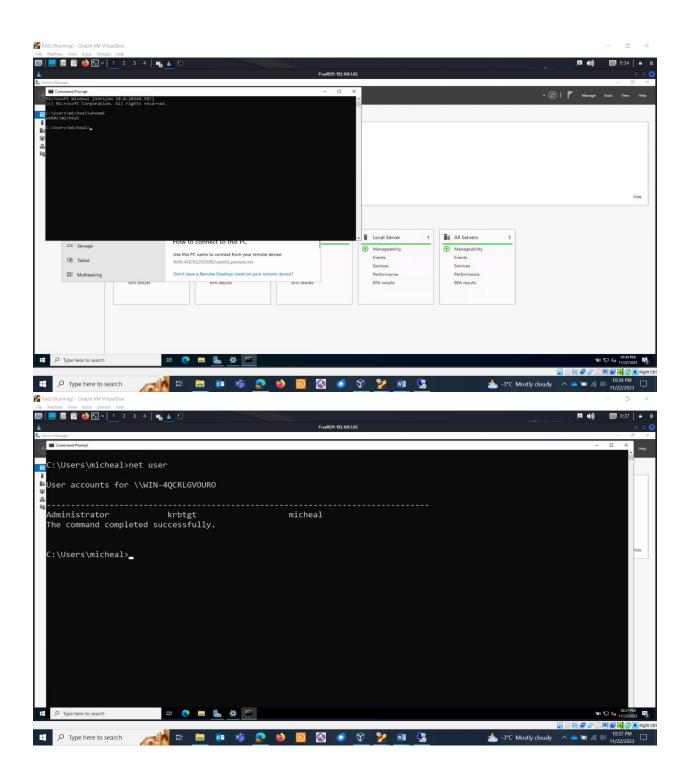
xfreerdp /u:username /p:password /d:domain-name /v:IP-address /w:1920 /h:1080 /fonts /smart-sizing

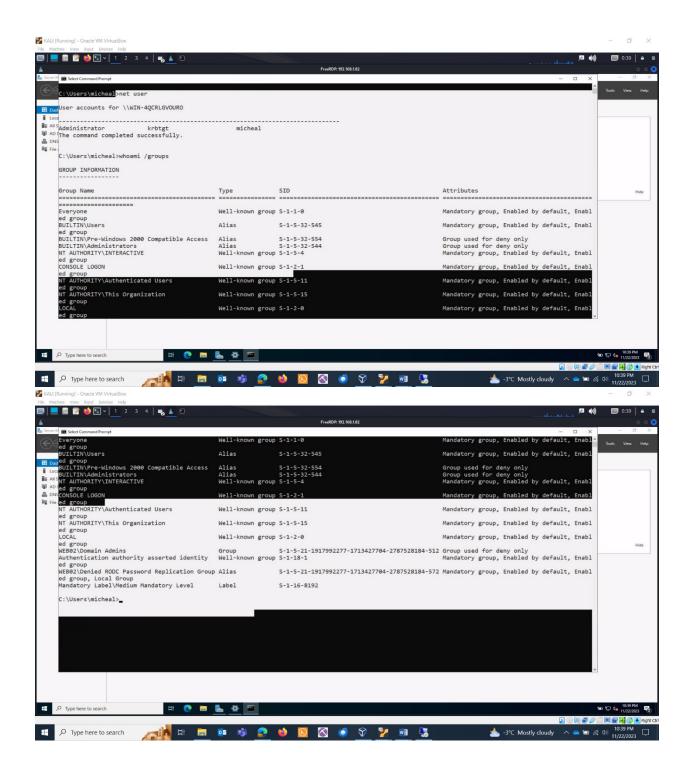
The command you provided is using xfreerdp, which is an open-source remote desktop protocol (RDP) client for Linux. It allows users to connect to a remote Windows machine using the Remote Desktop Protocol. Let's break down the command and its parameters

- /u:username: Specifies the username for the remote desktop connection. Replace "username" with the actual username you want to use for logging in.
- /p:password: Specifies the password for the specified username. Replace "password" with the actual password for the given username. Note that storing passwords in plaintext in commands can pose security risks, and more secure methods should be considered, especially in scripts or shared environments.
- /d:domain-name: Specifies the domain name for the user account. Replace "domain-name" with the actual domain name. This parameter is optional and only needed if the user account is part of a domain.
- /v:IP-address: Specifies the IP address or hostname of the remote Windows machine you want to connect to.
- /w:1920: Sets the width of the remote desktop window to 1920 pixels.
- /h:1080: Sets the height of the remote desktop window to 1080 pixels.
- /fonts: Enables font smoothing for the remote desktop session.
- /smart-sizing: Enables smart sizing, which adjusts the remote desktop window size based on the client's window size. This can be useful for dynamically adapting to different screen resolutions.

Kali

```
"xfreerdp /u:micheal /p:Password1 /d:web02.pentest.net /v:192.168.1.82 /w:1920 /h:1080 /fonts /smart-sizing
[00:15:02:907] [115114:115115] [WARN][com.freerdp.crypto] - Certificate verification failure 'self-signed certi
ficate (18)' at stack position 0
[00:15:02:907] [115114:115115] [WARN][com.freerdp.crypto] - CN = WIN-4QCRLGVOURO.web02.pentest.net
[00:15:03:330] [115114:115115] [INFO][com.freerdp.gdi] - Local framebuffer format PIXEL_FORMAT_BGRX32
[00:15:03:330] [115114:115115] [INFO][com.freerdp.gdi] - Remote framebuffer format PIXEL_FORMAT_BGRA32
[00:15:03:361] [115114:115115] [INFO][com.freerdp.channels.rdpsnd.client] - [static] Loaded fake backend for rd
psnd
[00:15:03:362] [115114:115115] [INFO][com.freerdp.channels.drdynvc.client] - Loading Dynamic Virtual Channel rd
pgfx
```





POWERSHELL:

PRIV ESC: Get-CimInstance -ClassName win32_service | Select Name,State,PathName,StartName | Where-Object {\$_.State -like 'Running'}

The PowerShell command you provided is using the Get-CimInstance cmdlet to retrieve information about Windows services, and then it filters and selects specific properties. Let's break down the command step by step:

- Get-CimInstance -ClassName Win32_Service: Get-CimInstance is a cmdlet in PowerShell used for querying management information on local and remote computers.
- -ClassName Win32_Service specifies that we want to retrieve instances of the Win32_Service CIM class, which represents information about Windows services.
- | Select-Object Name, State, PathName, StartName: The pipe (|) takes the output from the previous command and passes it to the Select-Object cmdlet.
- Select-Object is used to choose specific properties of the retrieved objects. In this case, it selects the Name, State, PathName, and StartName properties of the Win32_Service instances.
- | Where-Object {\$_..State -eq 'Running'}: Another pipe is used to pass the selected properties to the Where-Object cmdlet.Where-Object is used for filtering objects based on a specified condition.
- {\$_} represents the current object in the pipeline. \$_.State refers to the State property of the current object. The condition -eq 'Running' filters the objects, selecting only those where the state of the service is equal to 'Running'.

So, the overall purpose of this command is to retrieve information about Windows services, specifically selecting the Name, State, PathName, and StartName properties, and then filtering to include only those services where the state is 'Running'. The result is a list of running services with the specified properties.

Run in powershell:

```
### Activation | The Administrative | The Administr
```

```
PS C:\Windows\system32> icacls C:\Windows\system32\wlms\wlms.exe
C:\Windows\system32\wlms.exe NT SERVICE\TrustedInstaller:(F)
BUILITN\administrators:(RX)
NT AUTHORITY\SysTem(:RX)
BUILITN\users:(RX)
APPLICATION PACKAGE AUTHORITY\ALL APPLICATION PACKAGES:(RX)
APPLICATION PACKAGE AUTHORITY\ALL RESTRICTED APPLICATION PACKAGES:(RX)
Successfully processed 1 files: Failed processing 8 files
```