

Forum:[Hack Forums](#)

Thread: [Running Kali with Windows \(No virtual machine\)](#)

kvotiesplank - March 21, 2024, 6:12 pm

Hey, maybe this is helpful for someone. Its just a step by step on how to install Kali in windows and access it without having to use a dual-boot or virtual machine.

Code Update your System: Before starting, ensure your Windows system is up to date.

Launch PowerShell as Administrator: Right-click on the PowerShell icon and select "Run as administrator."

Enable Windows Subsystem for Linux (WSL): In PowerShell, enter:

`Enable-WindowsOptionalFeature -Online -FeatureName Microsoft-Windows-Subsystem-Linux`
If prompted, reboot your system.

Enable Virtual Machine Platform and WSL: In PowerShell, enter the following commands separately:

`dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart`
`dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart`

Restart your system if required.

Download Linux Kernel Update Package: Download the Linux kernel update package from here: <https://aka.ms/wsl2kernel>

Set WSL 2 as Default Version: In PowerShell, enter:

`wsl --set-default-version 2`

Install Kali Linux from Microsoft Store: Open the Microsoft Store and search for "Kali Linux."
Install Kali Linux and launch it.

Update Kali Linux: In the Kali Linux terminal, run:

`sudo apt update && sudo apt upgrade -y`

Install Desktop Environment: Install the XFCE desktop environment by running:

`sudo apt install kali-desktop-xfce -y`

Install XRDP: Install XRDP for remote desktop access:

`sudo apt install xrdp -y`
`sudo service xrdp start`

Connect to Kali Linux via Remote Desktop: Open the Remote Desktop Connection on your Windows system.

Type `sudo ifconfig` in the Kali terminal to find its local IP address.

Use the IP address to connect to Kali Linux via Remote Desktop Connection.

Install any additional tools you need from the Kali Linux repository or from external sources.
To find a list of available tools, visit Kali Linux Tools: <https://www.kali.org/tools/kali-meta/>

Additional Notes:

Remember to restart the XRDP service each time you stop and restart Kali Linux via the Microsoft Store to ensure Remote Desktop Connection works.

The local IP address of Kali Linux may change each time you restart it, so use `sudo ifconfig` to retrieve the current IP address.

DramaKing - March 22, 2024, 1:14 pm

The [official docs](#) might be easier to follow.

dtb1031231 - March 22, 2024, 3:18 pm

thanks a lot it helped a lot

trojanwhite - March 24, 2024, 6:36 am

Alot of pretty pointless fucking about for something you could just dualboot

kvothesplank - March 24, 2024, 8:42 am

(Mar 24, 2024 06:36 AM)trojanwhite Wrote: [\[CITE\]](#) Alot of pretty pointless fucking about for something you could just dualboot

Thanks for your amazing response, running both at the same time is something you cant do with dual boot. But keep being a helpful and constructive force in the forum! have a nice day

Freddy Kru?ger - March 25, 2024, 10:09 am

Keep in mind that Kali is not really made to be used as your daily driver. So most of the time using it as your main linux machine is not worth it. Just install another distro and get the tools or use Docker.

Cannot Compute - March 27, 2024, 6:18 pm

Your title says "no virtual machine" and then your instructions say "Enable Virtual Machine Platform". Something ain't adding up there.

kvothesplank - March 28, 2024, 1:35 pm

(Mar 27, 2024 06:18 PM)Cannot Compute Wrote: [\[CITE\]](#) Your title says "no virtual machine" and then your instructions say "Enable Virtual Machine Platform". Something ain't adding up there.

True, maybe I wasn't clear enough. I meant it as in "no need to install a vm software", since in my personal experience this has been way more comfortable than running VMware or Virtualbox. Thanks for pointing it out :)

salvator - March 29, 2024, 4:14 pm

(Mar 21, 2024 06:12 PM)kvothesplank Wrote: [\[CITE\]](#) Hey, maybe this is helpful for someone. Its just a step by step on how to install Kali in windows and access it without having to use a dual-boot or virtual machine.

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happygonutty - March 30, 2024, 11:50 pm

(Mar 22, 2024 01:14 PM)DramaKing Wrote: [\[CITE\]](#) The [official docs](#) might be easier to follow.

I agree with DramaKing, the actual docs are pretty much more understandable and easy to follow. Lol.