

## Set up VPN on Linux



1. Click on 2. In the pop-up menu, double-click on Konsole. the Home icon.

3. In Konsole, type sudo apt install vpnc, then hit Enter.



4. You may be asked to enter your device password. Type your password, then hit Enter.



5. Close off Konsole.

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Regional Settings	2	Send User Feedback	end User Feedback	📪 Itegianal Settings 💦 🗧		Visibility: Hidden network	Hidden network			
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6. Click on 7. In System Settings, in the navigation pane, the System click on Connections. Settings icon.

8. Click on the + button.

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-	Choose a Connection Type — System Settings 🛛 🗸 🔨
Haro	lware based connections
¢	DSL
Ļ	Infiniband
	Mobile Broadband
Ļ	Wired Ethernet
I_	Wired Ethernet (shared)
(((°	Wi-Fi
(((°	Wi-Fi (shared)
VPN	connections
V	Cisco AnyConnect Compatible VPN (openconnect) Compatible with Cisco AnyConnect SSL VPN
V	Cisco Compatible VPN (vpnc) Compatible with various Cisco, Juniper, Netscreen and Sonicwall IPsec-based VPN
V	Fortinet SSLVPN (fortieslvpn) Fortinet SSLVPN virtual private networks
V	Iodine DNS tunnel (iodine) Tunnel connections via DNS
1	IPsec based VPN (openswan)
	Create

New	Connection (vpn) — Sys	tem Settings	? ~ ^ 🚫
Connection name:	New yop connection		
connection name.	New vpn connection		
General configurat	tion VPN (vpnc) I	IPv4	
Gateway:	vpn.strath.ac.uk		
User name:			
User password:			
	🖺 Store password for	this user only	(encrypt∨
Group name:	strathclyde		
Group password:	johnandersoncampus		Т́г
	🖺 Store password 🔶	this user only	(encrypt $\smallsetminus$
Use hybrid aut	hentication		
CA file:			E
		A	dvanced
		🖺 Save	♦ Cancel

9. In the window that appears, select on Cisco Compatible VPN (vpnc), then click on Create.

10. Where it says Gateway, enter vpn.strath.ac.uk.

Where it says User name, enter your DS username.

Where it says User password, enter your password.

Where it says Group name, enter Strathclyde.

Where it says Group password, enter johnandersoncampus.

Click on Advanced....

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Advanced VPNC p	oroperties — System Settings 🛛 ? 🗸 💊
I	dentification
Domain:	
Vendor: Cisco	~
Trans	port and Security
Encryption method:	Secure (default)
NAT traversal:	NAT-T when available (default)
IKE DH Group:	DH Group 2 (default)
Perfect Forward Secrecy:	Server (default)
Local Port:	Random
Disable dead peer detection	
	✓ OK 🛇 Cancel

11. Where it says IKE DH Group, click on the dropdown button.

IKE DH Group:	DH Group 2 (default) 🗸 🗸
nward Cocroov	DH Group 1
ward Secrecy.	DH Group 2 (default)
Local Port:	DH Group 5

12. In the drop-down menu, click on DH Group 5.

	Advanced VPNC p	oroperues — system settings	:	~	~
	I	dentification			
Domain:					
Vendor:	Cisco				~
	Trans	port and Security			
	Encryption method:	Secure (default)			~
	NAT traversal:	NAT-T when available (default)			~
	IKE DH Group:	DH Group 5			~
P	erfect Forward Secrecy:	Server (default)			×
	Local Port:	Random			1
🗌 Disab	le dead peer detection				
		✓ ок	6	Ca	ance

13. Where it says Perfect Forward Secrecy, click on the drop-down button.

Perfect Forward Secrecy:	Server (default) ~
Local Port:	Server (default)
Locarrora	None
able dead peer detection	DH Group 1
	DH Group 2
	DH Group 5

14. In the drop-down menu, click on DH Group 5.



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•	Advanced VPNC p	oroperties — System Settings	?	$\sim$	^ 🛛
	I	dentification			
Domain:					
Vendor:	Cisco				~
	Trans	port and Security			
	Encryption method:	Secure (default)			~
	NAT traversal:	NAT-T when available (default)			$\sim$
	IKE DH Group:	DH Group 5			~
Р	erfect Forward Secrecy:	DH Group 5			~
	Local Port:	Random			$\hat{}$
🗌 Disab	le dead peer detection				
		С ок	0	Ca	incel

- New	Connection (vpn) — System Settings 🦙 🗸 💊
Connection name:	New vpn connection
General configuration	tion VPN (vpnc) IPv4
Gateway:	vpn.strath.ac.uk
User name:	pkb09111
User password:	۰۰۰۰۰۰۰۰ ۲
	🖺 Store password for this user only (encrypt 🗸
Group name:	strathclyde
Group password:	johnandersoncampus 🛷
	$\blacksquare$ Store password for this user only (encrypt $\smallsetminus$
Use hybrid aut	thentication
CA file:	<b>C</b>
	Advanced
	🖺 Save 🛇 Cancel

15. Click on OK.

## 16. Click on Save.

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18. Click on the Wifi icon. 19. Next to the option for the VPN, click on Connect.

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۵	VPN secrets (vpnc) d	ialogue — KDE Daemon  ? 🗸 🔨
	Authenticate New vp	in connection
	Provide the secrets for connection':	the VPN connection 'New vpn
	Username:	pkb09111
	User Password:	
	Group name:	strathclyde
	Group Password:	
		✓ OK ⊘ Cancel

20. In the pop-up box that appears, where it says User Password, enter your password.

Where it says Group Password, enter johnandersoncampus.

Click on Connect.

In some versions of Linux, you may receive an error message saying "Missing VPN plugin", you can download the plugin by searching on Updates, or by running the command sudo apt-get install network-manager-vpnc.

Acknowledgement: With thanks to Ian Gordon and Ronnie Wallace of the Computer and Information Science department for the provision of these instructions.

Was this information helpful?

**CONTACT US** 

## Email: help@strath.ac.uk Call: 0141 548 4444

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