



MINISTÉRIO DA DEFESA EXÉRCITO BRASILEIRO DCT – CITEx 5° CENTRO DE TELEMÁTICA DE ÁREA (C P D 4 / 1 9 7 8)

Manual de Instalação de VPN em Ambiente Windows 10



Tutorial – Executando Client Cisco VPN no Windows 10

Ao tentar instalar a solução Client Cisco VPN (Rede Privada Virtual) no Windows 10 pode ser apresentada uma mensagem de impossibilidade de gerenciamento de rede, impedindo a instalação do mesmo. Segue abaixo solução para a instalação.

1	께 Installer Information	×
	Error 27850. Unable to manage networking component. Operating system corruption may be preventing installation.	
L	OK	
م المما ما	on Wizard (R)	

instalação.

Solução

1. Primeiramente, Certifique-se de ter removido todos os vestígios do software Client Cisco VPN antes de prosseguir,e de excluir também do Editor de registro objetos relacionados como mostra a figura abaixo:



📑 😭 🗿 🗴 Cisco Systems		- 0 ×		
for Home Share View		× 0		
+ + + † 📑 = Local Disk (C) > Program Files (dd)	+ Cisco Systems + v & Search Cisco Sys	temi p		
Construction Cons	Date modified Tyge 12/06/2015 13:20 Kile folder	Sue		
C Documents Conniceds Music Music Conniceds File Fortures File File File File File File File File	Project (data) File Edit Vere Franch Cited	es Holp R Name Expand Codete Resame Epot Pemissions Copy Kay Name Sign Tap Imartice athenic	5794 RIG_52 RIG_52 NetL. RIG_DWORD RIG_DWORD RIG_DWORD RIG_DWORD RIG_DWORD RIG_DWORD RIG_DWORD RIG_DWORD	Data (ration not set) Cocco Systemer VSP Adapter for 64-bit Windows 0x00000011(1) 0x00000011(1) 0x00000011(1) 0x00000011(1) Voltament Set (System 32) drivery/(CVinAdA.sys 0x0000001(1) 0x0000001(1) 0x0000001(1) 0x0000001(1) 0x0000001(1) 0x0000001(1) 0x0000001(1) 0x0000001(1)
	Computer/JHEY LOCAL M	ACHINE/SVSTEM/CurrentCo	introSet/Services).CVirtA	

Figura 2: Remoção Cliente VPN

2. Agora Execute o <u>Windows Fixup for DNE</u>, e em seguida reinicie o computador. winfix.exe

Windows Fixup for DNE repairs problems in Windows, enabling DNE to install correctly.	^	Start Windows Fixup
Click the 'Start Windows Fixup' button to begin the repair, or click Cancel to exit without changing your computer.		Cancel
WinFix may take several minutes; please be patient.		Exit
Windows Fixup for DNE is complete. Actions were recorded in file C:\Windows\temp\winfix.log Click the Exit button to exit, then please restart this computer.		
DNE HAS BEEN REMOVED. After the restart, install DNEUpdate to replace DNE.		

Figura 3: Executar Windows Fixup for DNE



3. Instale o SonicWALL VPN Client sonic64.zip

\frown				^
SonicWALL Glo	bal VPN Client			
The installer will guide you through	n the steps required to install Glot	oal VPN Client o	on your con	nputer.
WARNING: This computer progra Jnauthorized duplication or distrib pr criminal penalties, and will be pr	m is protected by copyright law a ution of this program, or any porti rosecuted to the maximum extent	and internationa ion of it, may re: possible under	l treaties. sult in seve the law.	re civil
WARNING: This computer progra Jnauthorized duplication or distrib or criminal penalties, and will be pr	m is protected by copyright law a ution of this program, or any porti rosecuted to the maximum extent	and internationa ion of it, may re: possible under	l treaties. sult in seve the law.	re civil

Figura 4: Instalação SonicWALL VPN Client



4.O passo anterior atualiza o DNE (Deterministic Network Enhancer). Nota: Você também pode executar o <u>Citrix DNE Update</u> que irá fazer a mesma coisa. dneupdate64.msi

tworking			
ionnect using:			
Intel(R) 82574L	Gigabit Network Conne	ection	
		Cont	figure
his connection uses	the following items:		
Client for Mic	rosoft Networks		~
File and Print	er Sharing for Microsoft	Networks	
	an annannig for triberoon		
QoS Packet	Scheduler		
QoS Packet QoS Packet DNE LightW	Scheduler eight Filter		
QoS Packet Q DNE LightW A Internet Proto	Scheduler eight Filter ocol Version 4 (TCP/IP)	(4)	
QoS Packet Q DNE LightW A Internet Proto Link-Layer To Marcoch Nat	Scheduler eight Filter ocol Version 4 (TCP/IPv opology Discovery Map	/4) per I/O Driv	ver
Cos Packet Cos Packet DNE LightW Antemet Proto Antemet Proto Antemet Proto Antemet Proto Antemet Proto Antemet Proto	Scheduler eight Filter ocol Version 4 (TCP/IPv opology Discovery Map twork Adapter Multiplex	r4) per I/O Driv or Protocol	ver 🗸
QoS Packet Control C	Scheduler eight Filter ocol Version 4 (TCP/IPv opology Discovery Map twork Adapter Multiplex	/4) per I/O Driv or Protocol	ver 🗸
☑ QoS Packet ☑ ☑ DNE LightW ☑ ▲ Internet Proto ☑ ▲ Link-Layer To ☑ ▲ Microsoft Net <	Scheduler eight Filter bool Version 4 (TCP/IPv opology Discovery Map twork Adapter Multiplex Uninstall	r4) per I/O Driv or Protocol Prop	ver verties
QoS Packet Q	Scheduler eight Filter ocol Version 4 (TCP/IPv opology Discovery Map twork Adapter Multiplex Uninstall	/4) per I/O Driv or Protocol Prop	ver >
Carlot Constraints Carlo	Scheduler eight Filter pool Version 4 (TCP/IPv opology Discovery Map twork Adapter Multiplex Uninstall ight Filter Driver	/4) per I/O Driv or Protocol Prop	ver >
Cos Packet Cos Packet DNE LightW Anternet Proto Anternet Anternet Proto Anternet Anternet Prot	Scheduler eight Filter bool Version 4 (TCP/IPv opology Discovery Map twork Adapter Multiplex Uninstall ight Filter Driver	r4) per I/O Driv or Protocol Prop	ver verties

Figura 5: Citrix DNE Update



5. Agora basta baixar e instalar o Client Cisco VPN. Recomenda-se instalar sempre a versão mais recente <u>Download Cisco VPN Client Software</u>) vpnclient-winx64-msi-5.0.07.0440-k9.exe



Figura 6: Cisco VPN Client

6. Nota: Se depois de todos os passos citados anteriormente ainda for apresentado um erro informando o seguinte: "Este software não pode ser executado no Windows 10", vá para a opção de Arquivos de Instalação, onde os arquivos foram extraidos, e clique com o botão direito e selecione a opção conforme abaixo (troubleshooting comparability) e siga as instruções.



I I I I I I I I I I I I I I I I I I I	View	Application Tools Temp Manage			- 0	× ~ ()
← → ~ ↑ 📙 « Us	ers > admir	nistrator > AppData > Local > T	'emp √ č	Search Temp		P
Desktop 🖈 ^	Name	^	Date modified	Туре	Size	1
🕹 Downloads 🖈 🔤	SFDC	068F-3D3D-4367-8FFR-4FAFCR619	13/08/2015 11:39	File folder		
😫 Documents 🖈	Low	Install	015 09:30	File folder		
📰 Pictures 💉	msc	Repair	2015 11:39	File folder		
Dropbox	SDL	Uninstall	2015 11:39	File folder		
h Music	dd_	Troubleshoot compatibility	2015 10:52	Text Document	407 KB	
Middae	D dd_	Open with	2015 10:52	Text Document	410 KB	
Videos	dd_		2015 10:52	Text Document	12 KB	
ConeDrive	📄 dd_	Share with	2015 10:52	Text Document	12 KB	
This DC	Mic Mic	Restore previous versions	2015 10:51	PNG File	1 KB	
This PC	PCV	Send to	> 2015 11:39	TMP File	0 KB	
Desktop	PCV	Cut	2015 11:39	XML Document	1 KB	
Documents	📄 vmi	Conv	2015 10:55	Text Document	56 KB	
Downloads	📄 vmr	copy	2015 10:55	Text Document	2,089 KB	
Music	vpn	Create shortcut	2011 11:52	MST File	42 KB	
Pictures	vpn	Delete	2011 11:52	MST File	47 KB	
Videos	🐝 vpn	Rename	2011 11:52	Application	56 KB	
Level Dick (C)	🔄 vpn	Properties	2011 11:52	Configuration sett	1 KB	
	15 vpncm	ent_setup	2011 11:52	Windows Installer	7,085 KB	
DVD Drive (D:) V	🔎 vpncli	ent_setup	04/03/2011 11:52	PDF File	1 KB	
🛫 shared (\\pnl-dc	vpncli	ent_setup.sms	04/03/2011 11:52	SMS File	1 KB	
🔿 Network 🗸 🗸	wct18	F4.tmp	20/07/2015 23:43	TMP File	7,630 KB	,
22 items 1 item selected	6.91 MB				E	

Figura 7: Arquivos de Instalação

Connection Error Secure VPN Connection terminated locally by the Client. Reason 442: Failed to enable Virtual Adapter



7. Se você ver o erro abaixo, este é um problema comumente apresentado quando se tentar realizar a conexão, siga os passos abaixo para a correção:

status: Disconnected VPN Client - Version 5.0.07.0440	-		×
Connection Entries Status Certificates Log Options Help			
Cancel Conr 👌 VPN Client		ulu ×	10
Connection Secure VPN Connection terminated locally by the Client. Reason 442: Failed to enable Virtual Adapter. Connection terminated on: Aug 12, 2015 11:16:16 Dura OK	ation: 0 day(s), (00:00.00	
Not connected.			<u> </u>

Figura 8: Windows 8 e Cisco (IPSEC) VPN Client

8. Abra o Editor do Registro e navegue até a opção abaixo:

HKEY_LOCAL_MACHINE > SYSTEM > CurrentControlSet > Services > CvirtA

Localize no lado direito a opção DisplayName e escolha Modificar no menu. Como alternativa, duplo clique em DisplayName. **Delete** a informação da opção Value data.



	ClipSVC clr_optimization_v4.0.30319_32 clr_optimization_v4.0.30319_64 CmBatt CNG conghwassist CompositeBus COMSysApp condrv CoreMessagingRegistrar CoreUI crypt32 CryptSvc CSC CscService CVirtA CVPND CVPNDRVA dam DCLocator DcomLaunch DcpSvc defragsvc	*	Name	Type REG_SZ REG_DWORD REG_DWORD REG_DWORD REG_DWORD REG_SZ REG_EXPAND_SZ REG_DWORD REG_DWORD REG_MULTI_SZ C//,Osco_Systems VPN	Data (value not set) @oem11.inf,%CVirtA_De 0x0000000 (0) 0x0000000 (0) 0x0000000 (1) NDIS \SystemRoot\System32\ 0x0000000 (0) 0x0000000 (0) 0x0000000 (0) oem11.inf X Adapter for 64-bit Windows: OK Cancel	esc%;Cis
--	---	---	------	---	---	----------

Figura 9: Alteração DisplayName

11. Altere para isto: **Cisco Systems VPN Adapter for 64-bit Windows**, devendo ficar como a imagem abaixo:



>- ClipSVC A - clr_optimization_v4.0.30319_322 A - clr_optimization_v4.0.30319_322 B - CromBatt B - CromBatt BisplayName - CompositeBus BisplayName - CompositeBus BisplayName - ComMysApp BisplayName - Condry BisplayName - CoreMessagingRegistrar CoreVI - CoreVI BisplayName - CryptSvc BisplayName - CVPND Value name: DisplayName DisplayName Value data: DisplayName Value data: Disco Systems VPN Adapter for 64-bit Windows - DcomLaunch DisplayName - DcpSvc BisplayName	Data (value not set) @oem11.inf,%CVirtA_Desc%;Cir 0x00000000 (0) 0x00000000 (0) 0x00000005 (5) 0x00000005 (5) 0x00000000 (0) oem11.inf X OK Cancel
---	--

Figura 10: Alteração Value data

12. Após alteração clique em OK e feche o Editor de Registro. O Cisco VPN Client pode ser executado. As alterações realizadas não requerem uma reinicialização do sistema.





13. Agora desinstale com segurança o SonicWALL VPN Client.





Figura 12: Desinstalar SonicWALL VPN Client

14. Após feito todos os procedimentos citados anteriomente o Client Cisco VPN irá funcionar normalmente no seu sistema.

Fonte: http://www.petenetlive.com/KB/Article/0001097

Acesso Remoto Seguro (VPN)