MTU error using IPv6 AnyConnect client on Windows

Windows computers that had previously installed (even if then removed) the old Cisco VPN Client software will not be able to activate the IPv6 VPN connection due to a system configuration change needed by the old software. The following error messages will be displayed:

ĺ	Tisco AnyConnect VPN Client	
	Connection Statistics About	
Cisco AnyCo	nnect VPN Client	×
	AnyConnect was not able to establish a connection to the spec secure gateway. Please try connecting again.	ified
		ок
	Connect	
	Disconnect in progress, please wait	

	Cisco AnyConnect VPN Client	
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Cisco AnyCo	nnect VPN Client	×
	The MTU of the physical adapter is too small. An MTU of at bytes is required for an IPv6 connection. Please contact you administrator.	
	4 I	
	Select VPN session ended.	

In order to use the IPv6 VPN connection it is then required to reset the MTU parameter of the network card used. Running the command prompt as administrator (on Windows XP it is enough to be member of the administrator group, on Vista or 7 you in any case have to open the prompt right clicking on the link and select "run as administrator") and enter the following line to know the names of the network card used:

netsh interface ipv4 show subinterfaces

you have then to identify the physical network card you are using for connecting to the VPN (eg. it may be your LAN or wireless card) and to set a compatible MTU size you should enter:

netsh interface ipv4 set subinterface "1" mtu=1406 store=persistent

where in this example "1" is the name of the used network card.

If you still have installed the old Cisco VPN Client software, it is possible to use the program SetMTU from Cisco (it is in the "all programs" menu) to set, still for the proper network card, MTU size to 1406.

After changing the MTU size (regardless of the method used), you have to reboot the computer for the changes to be active.

From: https://docu.units.it/dokuwiki/ - Area dei Servizi ICT - Documentation

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Last update: 2011/06/01 11:56 (14 anni fa)