Accessing the Internet On-Campus

Last modified September 30, 2021

How to set Authenticated LAN Port

(For Windows 10)

Introduction

Please follow the below steps to set up for **Authenticated LAN Port** system provided by information science and technology center. It needs for initial setting.

Procedure to Set up

- 1. Make sure the LAN cable is not connected.
- 2. Click [Start] menu and scroll down to find [Windows system tool] folder.
- 3. Click [Control panel]



4. Click [System & Security].



5. Click [Administrative Tools].



6. Double click [Services]

🕤 🕞 🗸 😨 « System a	nd Security 🕨 Administrative Tools	▼ \$ Sear	rch Administrative Tools	Q
File Edit View Tools	Help			
Organize 🔻 🛛 Burn			8==	• 🔳 🔞
🔶 Favorites	Name	Date modified	Туре	Size
\rm Downloads	🔊 Component Services	2009/07/14 13:57	Shortcut	2 KB
📃 Recent Places	🛃 Computer Management	2009/07/14 13:54	Shortcut	2 KB
Oreative Cloud Files	🋐 Data Sources (ODBC)	2009/07/14 13:53	Shortcut	2 KB
🧮 Desktop	🛃 Event Viewer	2009/07/14 13:54	Shortcut	2 KB
	🔝 iSCSI Initiator	2009/07/14 13:54	Shortcut	2 KB
🥽 Libraries	🔁 Local Security Policy	2011/02/11 1:48	Shortcut	2 KB
Documents	Performance Monitor	2009/07/14 13:53	Shortcut	2 KB
👌 Music	🕞 Print Management	2011/02/11 1:48	Shortcut	2 KB
Pictures	Services	2009/07/14 13:54	Shortcut	2 KB
🛃 Videos	System Configuration	2009/07/14 13:53	Shortcut	2 KB
	🔊 Task Scheduler	2009/07/14 13:54	Shortcut	2 KB
👰 Computer	🞓 Windows Firewall with Advanced Security	2009/07/14 13:54	Shortcut	2 KB
🏭 OS (C:)	📷 Windows Memory Diagnostic	2009/07/14 13:53	Shortcut	2 KB
	😹 Windows PowerShell Modules	2009/07/14 14:32	Shortcut	3 KB
👊 Network				

7. Select [Standard] tag and Scroll down and Right click [Wired Auto config] and then select [properties]

Services (Local)	Name	Description	Status	Startup Type	Log On	As	
	G Windows Firewall	Windows Fi	Started	Automatic	Local Se	ervice	
	G Windows Font Ca	Optimizes p	Started	Automatic	Local Se	ervice	
	🔍 Windows Image A	Provides im	Started	Automatic	Local Se	ervice	
	G Windows Installer	Adds, modi		Manual	Local Sy	yste	
	G Windows Live Fa	This service		Manual	Local Sy	yste	
	G Windows Live ID S	Enables Win	Started	Automatic	Local Sy	ste	
	🖓 Windows Manage	Provides a c	Started	Automatic	Local Sy	yste	
	Q Windows Media C	Windows M		Manual	Network	k S	
	G Windows Media C	Starts and st		Manual	Network	k S	
	G Windows Media P	Shares Win		Manual	Network	k S	
	Windows Module	Enables inst		Manual	Local Sy	yste	
	Windows Presenta	Optimizes p	Started	Manual	Local Se	ervice	
	Q Windows Remote	Windows R		Manual	Network	k S	
	G Windows Search	Provides co	Started	Automatic (D	Local Sy	yste	
	G Windows Time	Maintains d		Manual	Local Se	ervice	
	G Windows Update	Enables the	Started	Automatic (D	Local Sy	yste	
	WinHTTP Web Pr	WinHTTP i	Started	Manual	Local Se	envice	
	C Wired AutoConfig	The Wired	Started	Automatic	Loca		
	WLAN AutoConing	The WLANS		Manual	LOCA		
	WMI Performance	Provides pe		Manual	Loca	Stop	
	G Workstation	Creates and	Started	Automatic	Netv	Pause	
	G WVPCR	Wave Toolk		Automatic	Loca	Resume	
	🔍 WWAN AutoConfig	This service		Manual	Loca	Restart	
	Extended Standard /				10		
						All Tasks	

 Select [General] tag Change [startup type] to [Automatic] Check Service status is [Stopped] Click [Start] button

/ired AutoConfig Properties (Local Computer)				
General Log On	Recovery Dependencies			
Service name: dot3svc				
Display name: Wired AutoConfig				
Description: The Wired AutoConfig (DOT3SVC) service is responsible for performing IEEE 802.1X				
Path to executable: C:¥Windows¥system32¥svchost.exe +k LocalSystemNetworkRestricted				
Startup type:	Automatic	•		
Help me configure service startup options.				
Service status: Stopped				
Start	Stop Pause Resume			
You can specify the start parameters that apply when you start the service from here.				
Start parameters:				
	OK Cancel Ap	ply		

 Make sure that [Service status] is "started" Check [Stop] button is active Click [Apply]

Wired AutoConfig Properties (Local Computer)				
General Log On	Recovery Dependencies			
Service name:	dot3svc			
Display name:	Wired AutoConfig			
Description: The Wired AutoConfig (DOT3SVC) service is responsible for performing IEEE 802.1X				
Path to executable: C:¥Windows¥system32¥svchost.exe -k LocalSystemNetworkRestricted				
Startup type:	Automatic	-		
Help me configure service startup options.				
Service status: Started				
Start Stop Pause Resume				
You can specify the start parameters that apply when you start the service from here.				
Start parameters:				
	OK Cancel Ap	ply		

- 10. Close [Wired AutoConfid Properties]
- 11. Click [Start] menu and scroll down to find [Windows system tool] folder. Click [Control panel]



12. Click [Network and Internet]



13. Click [Network and Sharing Center]



14. Click [Change adapter settings]



15. Select [Local Area Connection] or [Ethernet] and right click choose [Properties]



16. Click [Authentication] tag

If you cannot see [Authentication] tag, go back to Step 1 and do the process again



Check [Enable IEEE802.1X authentication]
 Select [Microsoft: Protected EAP (PEAP)]
 Check [Fallback to unauthorized network access]

🖞 Local Area Connection Properties
Networking Authentication
Select this option to provide authenticated network access for this Ethemet adapter. Enable IEEE 802.1X authentication Choose a network authentication method: Microsoft: Protected EAP (PEAP) Remember my credentials for this connection each
time i'm logged on
Additional Settings
OK Cancel

18. Click [Settings]

🖞 Local Area Connection Properties	X			
Networking Authentication				
Select this option to provide authenticated network access for this Ethemet adapter. Enable IEEE 802.1X authentication				
Choose a network authentication method:				
Microsoft: Protected EAP (PEAP)				
Remember my credentials for this connection each time I'm logged on				
Fallback to unauthorized network access				
Additional Settings				
OK Car	ncel			

19. Uncheck [Validate server certificate] Select [Secured password (EAP-MSCHAPV2)]

Protected EAP Properties	X
When connecting: Validate server certificate	
Trusted Root Certification Authorities:	
AC Raiz Certicámara S.A. AC RAIZ DNIE AC RAIZ FNMT-RCM ACEDICOM Root ACNLB	
CA Calis Authentication CA G1 Calis Authentication CA G1 Do not prompt user to authorize new servers or trusted	-
Select Authentication Method:	
Secured password (EAP-MSCHAP v2) Configu Configured Configured Co	ure
Disconnect if server does not present cryptobinding TLV Enable Identity Privacy OK Car	ncel

20. Click [Configure...]

tected EAP Properties	×
/hen connecting:	
Validate server certificate	
Connect to these servers:	
Trusted Root Certification Authorities:	
AAA Certificate Services	<u>^</u>
AC Raíz Certicámara S.A.	
AC RAIZ DNIE	
AC RAIZ FNMT-RCM	
ACEDICOM ROOT	
ACINED	
Actalis Authentication CA G1	-
Actalis Authentication CA G1 G1 On ot prompt user to authorize new servers or to	▼ rusted
Actalis Authentication CA G1 Actalis Authentication CA G1 Tri Do not prompt user to authorize new servers or to certification authorities. elect Authentication Method:	rusted
Actalis Authentication CA G1 G1 On ont prompt user to authorize new servers or to certification authorities. elect Authentication Method: Secured password (EAP-MSCHAP v2)	rusted
Actalis Authentication CA G1 Actalis Authentication CA G1 Cont prompt user to authorize new servers or th certification authorities. Elect Authentication Method: Secured password (EAP-MSCHAP v2) Tenable Fast Reconnect	rusted
Actalis Authentication CA G1 Actalis Authentication CA G1 On ont prompt user to authorize new servers or to certification authorities. elect Authentication Method: Secured password (EAP-MSCHAP v2) Fable Fast Reconnect Enforce Network Access Protection	vusted
Actalis Authentication CA G1 Actalis Authentication CA G1 Cartification authorities. Actalis Authentication Method: Secured password (EAP-MSCHAP v2) Finable Fast Reconnect Disconnect if server does not present cryptobinding	Configure
Actalis Authentication CA G1 Actalis Authentication CA G1 Certification authorities. Actual assword (EAP-MSCHAP v2) Enable Fast Reconnect Enforce Network Access Protection Disconnect if server does not present cryptobinding Enable Identity Privacy	TLV
Actalis Authentication CA G1 Actalis Authentication CA G1 Cartification authorities. elect Authentication Method: Secured password (EAP-MSCHAP v2) Enable Fast Reconnect Enforce Network Access Protection Disconnect if server does not present cryptobinding Enable Identity Privacy	Configure

21. Uncheck [Automatically use my Windows logon name and password(and domain if any)

Click [OK]

EAR	P MSCHAPv2 Properties
v	When connecting:
	Automatically use my Windows logon name and password (and domain if any).
	OK Cancel

22. Click [OK]



23. Click [Additional Settings]

🕴 Local Area Connection Properties				
Networking Authentication				
Select this option to provide authenticated network access for this Ethemet adapter.				
Choose a network authentication method:				
Microsoft: Protected EAP (PEAP)				
Remember my credentials for this connection each time I'm logged on				
Fallback to unauthorized network access				
Additional Settings				
OK Cancel				

24. Click [Specify authentication mode] Select [User authentication] Uncheck [Enable sign on for this network] Click [OK]

Advanced settings
802. 1X settings
Specify authentication mode
User authentication Save credentials
Delete credentials for all users
Enable single sign on for this network
Perform immediately before user logon
Perform immediately after user logon
Maximum delay (seconds):
Allow additional dialogs to be displayed during single sign on
This network uses separate virtual LANs for machine and user authentication
OK

25. Close [Advanced settings]

How to connect to the Internet

- 1. Connect LAN cable to your PC
- 2. Enter [network ID] and [password] Click [OK]

Windows セキュリティ サインイン	×
ユーザー名	
パスワード	
ОК	キャンセル