If this is the first time that the computer is connected via 802.1x authentication must enable the service.

Enabling the service

- click the Start button in the Search box, type **services.msc** and then press ENTER,
- on the Services tab that opens, look for the service named Wired AutoConfig right-click and select Properties,
- change the item Startup type from Manual to Automatic,
- if the service status is *Stopped*, click on the *Start* button.

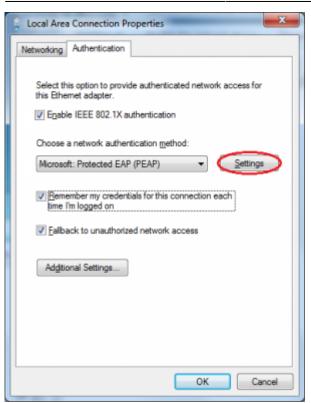
Wired AutoConfig P	Properties (Local Computer)
General Log On	Recovery Dependencies
Service name:	dot3evc
Display name:	Wired AutoConfig
Description:	The Wired AutoConfig (DOT3SVC) service is responsible for performing IEEE 802.1X
Path to executable C:\Windows\syste	e: em32\swchost.exe.ic.LocalSystemNetworkRestricted
Startup type:	Automatic
Help me configure	service startup options.
Service status:	Stopped
Start	Stop Pause Resume
You can specify the from here.	he start parameters that apply when you start the service
Start parameters:	
	OK Cancel Apply

Settings Supplicant 802.1x

- Open the settings for the network adapter: DX-click on the icon of the LAN connection (lower right) then select *Open Network and Sharing Center*, click on *Change adapter setting*,
- DX-click on the connection for which you want to enable 802.1x authentication then select **Properties**,
- click on tab **Authentication** and then select the check boxes:
 - $\circ\,$ Enable IEEE 802.1X authentication,
 - Remember my credentials...,
 - Fallback to unauthorized....

Last update: 2013/10/22 13:04

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- Click on the button Settings and on the Protected EAP Properties window that appears check that:
 - is checked Validate server certificate choosing from the Trusted Root Certification Authorities the voice AddTrust External CA Root,
 - is checked Connect to these servers stating the following (separated by ;) nps1.unitn.it;nps2.unitn.it;nps3.unitn.it,
 - the authentication method selected is Secured password (EAP-MSCHAP v2).

hen conne	cting:			
\sim	server certificat	te		
~				
	ct to these serve			
nps	l.unitn.it;nps2.u	nitn.it;nps3.unitn.it		
Trusted R	oot Certification	Authorities:		
AddTr	ust External CA	Root		
Baltim	ore CyberTrust F	loot		
Class	3 Public Primary	Certification Authorit	Y	
Class	3 Public Primary	Certification Authorit	Y	
DigiCe	rt High Assuranc	e EV Root CA		
Entrue	t.net Secure Se	rver Certification Aut	hority	
Equifa	x Secure Certific	ate Authority		-
4				
	prompt user to a ation authorities.		s or trusted	
elect Authe				
	sword (EAP-MS	DHAP V2)		nfigure.
ecured pa	sword (EAP-MS)	CHAP V2)		nfigure.
ecured par Enable Ea			• <u>Co</u>	nfigure.
ecured par Enable Er Enforce N	ist Reconnect Jetwork Access P			nfigure.
ecured par Enable Er Enforce M Disconne	ist Reconnect Jetwork Access P	Protection		ntigure.
ecured par Enable Er Enforce M Disconne	ist Reconnect letwork Access P ct if server does	Protection	nding TLV	Cancel

The following configuration is required only for PC **NOT** in the UNITN domain (for PC in the UNITN domain skip this step)

• Click the **Configure** button, then from the Properties window that appears EAP MASCHAPv2 **de**select the item *Automatically use....* as shown below:

EAP MSCHAPv2 Properties	x
When connecting:	
Utomatically use my lassword (and domain	Windows logon name and if any).
ОК	Cancel

- Click the button Additional Settings... for the tab *Properties Local Area Connection* (*LAN*) and on the tab *Advanced setting* that will appear check:
 - that the item *Specify authentication mode* is checked, choosing among:
 - User authentication (For computer NOT in UNITN domain),
 - User or computer authentication (For computer in UNITN domain),
 - click on the button **Save Credetials**.

2. 1X settings	
Specify authentication mode	
User authentication	 Replace gredentials
Delete credentials for all use	rs
Enable gingle sign on for this ne	twork
Perform immediately before	user logon
Perform immediately after u	ser logon
Maximum delay (seconds):	10 -
Allow additional dialogs to be sign on	e displayed during single
This network uses separate and user authentication	virtual LANs for machine

• After connecting the network cable when prompted, enter your unitn credentials

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In the event that the credentials are not recognized you will be automatically redirected to a Captive Portal authentication.

Problems

Force the reauthentication:

• Unselect *Remember my credentials...* then deactivate/activate the network card:

