"IUAV" wireless network Setup for Windows 10.

THESE INSTRUCTIONS ARE FOR WINDOWS 10

The screenshots and menu options referenced here may be slightly different depending on the edition of Windows you are running.

This document contains the following instructions.

- 1. Configuring Your Windows 10 device for "IUAV" wireless network
- 2. Connecting to "IUAV" wireless network.
- 3. Updating credentials if you change your password
- 4. Downloading and Installing the Certificate required to connect to "IUAV" wireless network

Please Note:

Windows 10 will not permit you to simply select "IUAV" from your list of wireless networks and enter your credentials. You must follow the instructions below.

1: Configuring Your Windows 10 device for "IUAV" wireless network

Windows 10 requires IUAV credentials to be saved/stored therefore if you change your network password you will need to follow the instructions on "Updating credentials if you change your password".

Setting up the "IUAV" connection

- **1.1** Right click on the "Wi-Fi/Wireless" icon on the System tray, as highlighted in the screen below, and then click on the "Open Network and Sharing Center" link.
- **1.2** Choose "Set up a new connection or network" link.





1.3 Click on "Manually connect to a wireless network". Click on the "Next" button.



1.4 Type in/complete the network details exactly as shown in the diagram below, then click on the "Next" button
 Network Name: ULAY

Next

Cancel

Network Name: IUAV Security type: WPA2-Enterprise Encryption Type: AES

1.5 Select "Start this connection automatically"

🔮 Manually connect t	a wireless network			14	3
Enter information	for the wireless network you want	to add			
Network name:	IUAV				
Security type:	WPA2-Enterprise V				
Encryption type:	AES 🗸 🗸				
Security Key:		Hide character	s		
Start this connec	tion automatically				
Connect even if Warning: If you	he network is not broadcasting select this option, your computer's privacy mi	ight be at risk.			

1.6 Click on the "Security" tab at the top of the dialog box.

onnection Security				
Security type:	WPA2-Enterp	rise	×	1
Encryption type:	AES		×	/
Choose a network a	uthentication me	thod:	Cottingo	
Microsoft, Protecte	d EAP (PEAP)		Setungs	1
Remember my ci time I'm logged o	redentials for this	connectio	n each	
Advanced setting	redentials for this	connectio	n each	

1.7 Click on the "Settings" button (beside the pull down menu where it says "Microsoft: Protected EAP (PEAP)").

Connection Security		
Security type:	WPA2-Enterprise	~
Encryption type:	AES	~
		the second s
Microsoft: Protecte	ed EAP (PEAP)	ings
Microsoft: Protecte	ed EAP (PEAP)	ings
Microsoft: Protecte	ed EAP (PEAP)	ings
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Microsoft: Protecte	ed EAP (PEAP) V Setti redentials for this connection each on	ings

1.8 Ensure the box beside "Verify the server's identity by validating the certificate" is checked. From the list shown below labelled "Trusted Root Certification Authorities", scroll down and choose "DigiCert Assured ID Root CA" by checking the box beside it.

Protected EAP Properties	×
When connecting:	
Verify the server's identity by validating the c	ertificate
Connect to these servers (examples:srv1;sr	/2;.*srv3\.com):
Trusted Root Certification Authorities:	
AddTrust External CA Root	^
America Online Root Certification Authority	1
Class 3 Public Primary Certification Authority	R)
DigiCert Assured ID Root CA	
DigiCert Global Root CA	~
<	>
Notifications before connecting:	
Tell user if the server's identity can't be verified	~
Select Authentication Method:	
Secured password (EAP-MSCHAP v2)	 Configure
Enable East Reconnect	
Disconnect if server does not present cryptobir	dina TLV
Enable Identity Privacy	
OF	Cancel

Please Note: If this certificate is not listed on your machine, close the window above by clicking on the "Cancel" button, but leaving the screen from step 8 open. Please go to "Downloading and installing the security certification" further down the page to install the certificate, then return to step 8 to set continue setting up the connection.

1.9 Click on the "Configure..." button (located beside "Secured password (EAP-MSCHAPv2)").

Protected EAP Properties	×
When connecting:	
Verify the server's identity by validating the ce	rtificate
Connect to these servers (examples:srv1;srv	2;.*\.srv3\.com):
Trusted Root Certification Authorities:	
AddTrust External CA Root	^
America Online Root Certification Authority 1 Baltimore CyberTrust Root	
Certum CA	
Class 3 Public Primary Certification Authority	X
DigiCert Assured ID Root CA	
DigiCert Global Root CA	× 1
<	,
Notifications before connecting:	
Tell user if the server's identity can't be verified	~
Select Authentication Method:	
Secured password (EAP-MSCHAP v2)	 Configure
Enable Fast Reconnect	
Disconnect if server does not present cryptobing	ding TLV
Enable Identity Privacy	
OK	Cancel

1.10 Ensure the checkbox beside "Automatically use my Windows logon name and password" is **unchecked** as in the screen below. Click on the "OK" button. Click on the "OK" button on the "Protected EAP Properties" window.



1.11 Click on the "Advanced Settings" button near the bottom of the window.

×

IUAV Wireless Network Properties

hoose a network authentication method: Microsoft: Protected EAP (PEAP) V Settings	ecurity type:	WDA2-Enterprise	~
ncryption type: AES ✓ hoose a network authentication method: Microsoft: Protected EAP (PEAP) ✓ Settings ☐ Remember my credentials for this connection each time I'm logged on	curry type,	WPA2-Enterprise	×
Choose a network authentication method: Microsoft: Protected EAP (PEAP) ∨ Settings Remember my credentials for this connection each time I'm logged on	ncryption type:	AES	~
time I'm logged on	licrosoft: Protecte	d EAP (PEAP) ~	Settings
	time I'm logged o	edentials for this connect in	ion each
Advanced settings			
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	Advanced setting	JS	
	Advanced setting	js	

1.12 Check the box beside "Specify authentication mode", and select "User authentication" from the menu below. Click on the "Save Credentials" button. .



1.13 Your login details must be entered in the open window:

Enter your **account username** followed by **@iuav.it** (**warning** this applies to both professors and students, who will have to use **@iuav.it** domain - not to be confused with the email domain) and your **account password**

ave cred	entials		
aving your	redentials allows your comput	ter to connect to the	network
hen you're	not logged on (for example, to	download updates)	
	m.rossi@iuav.it		
8	4		
	••••••		
		OK	Const

Click on the "OK" button.

1.14 Click "OK" on any dialog boxes which are still open. Close the "Manage Wireless Networks" window.

2: Connecting to IUAV

2.1 To connect to IUAV, left click on the "Wi-Fi/Wireless" icon in the System tray.

2.2 Click on "IUAV" and click on the "Connect" button. Select the "Connect Automatically" checkbox.

3. Updating credentials if you change your password

3.1 From the Windows Menu select "Settings" then choose "Network & Internet" as shown below:



3.2 Next select "Network and Sharing Center"



3.3 Select the IUAV wireless connection

👫 Network and Sharing Center

Control Panel Home	View your basic network inf	ormation and set up connections
	View your active networks	
Change adapter settings		
Change advanced sharing	int.iuav.it	Access type: Internet
ettings	Public network	Connections: Mireless Network Connection
	Change your networking settings	
	Set up a new connection o	r network
	Catum a broadband dial u	ip, or VPN connection; or set up a router or access point.
	Set up a broadband, diai-u	P/ - · · · · · · · · · · · · · · · · · ·
	Troubleshoot problems	

3.4 Select Wireless Properties

			Internet
		No net	work access
			Enabled
			IUAV
		18 da	ys 00:20:03
			19.5 Mbps
			Jltee
ess Pro	perties		
_			
_			Received
557	 	Ш	68,579
le	Diag	gnose	
	ess Pro	ess Properties	No nets 18 da ess Properties

3.5 Select Advanced Settings from the Security Tab

u Convibu			
onnection Security			
Security type:	WPA2-Enterprise	~	
Encryption type:	AES	~	
Choose a network a	authentication method:		
Microsoft: Protecte	d EAP (PEAP) V	Settings	
Remember my c	ed EAP (PEAP) ~	Settings ion each	
Microsoft: Protecte Remember my ca time I'm logged of Advanced setting	ed EAP (PEAP) ~ redentials for this connect on	Settings ion each	
Microsoft: Protecte Remember my ci time I'm logged o Advanced setting	ed EAP (PEAP) ~ redentials for this connect on	Settings ion each	
Microsoft: Protecte Remember my ci time I'm logged o Advanced setting	ed EAP (PEAP) ~	Settings ion each	
Advanced setting	ed EAP (PEAP) ~	Settings ion each	
Microsoft: Protecte Remember my ci time I'm logged o Advanced setting	ed EAP (PEAP) ~	Settings ion each	

3.6 Click on the "Replace Credentials" button.

osci odd	nentication	~	Replace cr	edential
Delete	credentials for all us	ers		
Enable sing	gle sign on for this n	etwork		
Perform	n immediately before	e user log	on	
O Perform	n immediately after i	user logor	1	
Maximum (delay (seconds):		10	+
Allow a sign on	dditional dialogs to t I	oe display	ed during sir	ngle
This ne and us	twork uses separate er authentication	e virtual L	ANs for mac	hine

Type your new credentials in the open window:

Enter your **account username** followed by **@iuav.it** (**warning** this applies to both professors and students, who will have to use **@iuav.it** domain - not to be confused with the email domain) and your **account password**

Click on the "OK" button.

4. Downloading and Installing the Certificate required to connect to "IUAV" wireless network (Only required if not already on machine)

Please Note: This step is only required the first time you are connecting to IUAV or if you have attempted to set up the IUAV connection and found that the required certificate is not already listed on your machine. Università luav di Venezia uses a CA security certificate for "IUAV" wireless Network so that you can check and have confidence that you are connecting securely to genuine IUAV servers only. To ensure that your connection is secure, you need to install "DigiCert Assured ID Root CA" authority (CA). To do this, you will need to use another wireless network, connect to 3G or copy the certificate from a wired PC to a USB storage device to install on your device.

4.1 Download the certificate file from the IUAV website at http://www.iuav.it/Servizi-IU/servizi-ge1/Servizi-in/ICT/affiliazio/ by clicking on the "DigiCert Assured ID Root CA" link.

4.2 When the certificate has downloaded, double click on the certificate and when prompted and select open.

4.3 When prompted with the following screen, click on the "Install Certificate" button.

This	certificate	is intend	lad for th	a followin	nurnacale	1.
THE	• Ensures th	e identity	of a remo	te computer	g purpose(s	
	Proves you Protects a	r identity	to a remo	te computer		
	• Ensures so	ftware car	me from s	oftware pub	lisher	
	Protects so	ftware fro	om alterat	ion after pu	blication	
	Issued to:	DigiCert A	ssured ID F	loot CA		
	Issued by:	DigiCert A	ssured ID F	loot CA		
	Valid from	10/11/20	06 to 10	0/11/2031		

4.4 Select Current User Next and Click on the "Next Button" when the "Welcome Certificate Import Wizard" screen appears.

Welcome to the	Certificate In	nport Wiza	rd
This wizard helps you cop lists from your disk to a c	y certificates, certifi ertificate store.	cate trust lists, a	nd certificate revocation
A certificate, which is iss and contains information connections. A certificati	ued by a certification used to protect data store is the system	authority, is a co or to establish s area where certif	nfirmation of your identit ecure network icates are kept.
Store Location			
Current User			
O Local Machine			
To continue, dick Next.			

4.5 Select "Automatically select the certificate store based on the type of certificate" by clicking on/selecting the radio button to the left of it and select next.

Next Cancel

Certificate Store			
Certificate s	tores are system area	s where certificat	es are kept.
Windows ca	n automatically select	a certificate store	or you can specify a location
the certifica	te.		, or you can specify a rocador
Autor	natically select the cer	tificate store base	ed on the type of certificate
O Place	all certificates in the fo	ollowing store	
Certi	ficate store:		
			Browse.

4.6 Check that the "Completing the Certificate Import Image" now reads the same as in the image below and then click on the "Finish" button.

Completing the	Certificate Import Wizard
The certificate will be imp	oorted after you dick Finish.
You have specified the fo	ollowing settings:
Certificate Store Select Content	Automatically determined by the wizard Certificate
17	
	Finish Cancel
	Finish Cancel
should then be presente	Finish Cancel
should then be presente cessfully installed. Click o	Finish Cancel d with the following screen to let you know the certificate h
should then be presente :essfully installed. Click o tificate Import Wizard	Finish Cancel d with the following screen to let you know the certificate h k to finish.
should then be presente cessfully installed. Click o rtificate Import Wizard	Finish Cancel d with the following screen to let you know the certificate h k to finish.
should then be presente cessfully installed. Click o tificate Import Wizard	Finish Cancel d with the following screen to let you know the certificate h k to finish.

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