

# Universidade Fernando Pessoa

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# eduroam

# Nova Configuração eduroam: Windows 7

De forma a adaptar a rede **eduroam** às novas exigências de segurança e para uniformizar as características da rede entre instituições, é necessário realizar novas configurações caso já tenha a **eduroam** a funcionar.

Substancialmente, as novidades são a obrigatoriedade de WPA2 Enterprise com AES.

A rede eduroam passa a ser visível, facilitando a sua respetiva configuração.

O **WPA2** pode obrigar a atualizar o driver da placa **wireless**. Recomendamos sempre que procure o driver mais atualizado por forma a resolver este e outros potenciais problemas.

# Passo 1

Na barra de tarefas clique com o botão direito no ícone de rede e de seguida clique em **Open Network** and Sharing Center.





No lado esquerdo selecione "Manage wireless networks".



#### Passo 3

Clique na opção "Add".





Escolha "Manually create a network profile".



#### Passo 5

Preencha as informações de acordo com a imagem.

- ✓ Network name: eduroam-guest
- Security type: No authentication (Open)
- ✓ Selecione Start this connection automatically
- ✓ Selecione Connect even if the network is not broadcasting

Clique em Next para continuar.

Enter information	for the wireless network you want to add	
Network name:	eduroam	
Security type:	WPA2-Enterprise	
Encryption type:	AES 🔹	
Security Key:	Hide characters	
Start this connec	tion automatically	
Connect even if	the network is not broadcasting	
Warning: If you	elect this option, your computer's privacy might be at risk.	



Clique no botão Close.

Nota: Se posteriormente aparecer a janela "Set Network Location", escolha "Public network".



#### Passo 7

Selecione o separador "Security" e clique no botão "Settings".

eduroam Wireless Netwo	ork Properties	x
Connection Security		
Security type:	WPA2-Enterprise	)
Encryption type:	AES 🔻	)
Choose a network aut	hentication method:	,
Microsoft: Protected	EAP (PEAP)    Settings	]
Remember my creating time I'm logged on	lentials for this connection each	
Advanced settings		
	ОК	Cancel



Clique no botão Configure.

Retirar o Visto de "Validate server certificate".

ien connect	ng:		
🗌 Validate s	erver certificate		
Connect	to these servers:		
Trusted Roc	t Certification Author	ities:	
AddTru:	t External CA Root		
Certum	CA		E
Class 3	Public Primary Certific	ation Authority	
DigiCert	Assured ID Root CA		
DigiCert	High Assurance EV R	oot CA	
Entrust	net Certification Auth	nority (2048)	
Entrust	net Secure Server Ce	ertification Authority	-
•	III		•
1.000.0000	ication Mathod		
ect Authent cured pass	vord (EAP-MSCHAP v	2) 🔹	Configure.
ect Authent cured pass Enable Fas	vord (EAP-MSCHAP v Reconnect	2) 🔻	Configure.
ect Authent cured pass Enable Fas Enforce Ne	vord (EAP-MSCHAP v Reconnect work Access Protecti	•2) •	Configure.
ect Authent cured pass Enable Fas Enforce Ne Disconnect	word (EAP-MSCHAP v : Reconnect twork Access Protecti if server does not pre	ion esent cryptobinding T	Configure.
ect Authent ecured pass Enable Fas Enforce Ne Disconnect Enable Ider	word (EAP-MSCHAP v Reconnect twork Access Protecti if server does not pre tity Privacy	2)  vion esent cryptobinding T	Configure.
ect Authent ecured pass Enable Fas Enforce Ne Disconnect Enable Ider	word (EAP-MSCHAP v Reconnect twork Access Protecti if server does not pre titly Privacy	2)  vion esent cryptobinding T	Configure.

# Passo 9

Clique no botão **Configure**.

Remova a opção: "Automaticaly use my Windows logon name and password (and domain if any)".

Connec	ung: server certificate t to these servers:
	MSCHAPv2 Properties
	en connecting: Automatically use my Windows logon name and password (and domain if any).
Certifica	OK Cancel
lect Authen	sword (EAP-MSCHAP v2)
Enable Fas	st Reconnect etwork Access Protection t if server does not present cryptobinding TLV



Clique no botão **Configure**. Clique no "**OK**"

nen connecting	p:			
Validate ser	ver certifica	te		
Connect to	these serve	ers:		
Trusted Root (	Certification	Authorities:		
AddTrust	External CA	Root		
Certum C/	Ą			E
Class 3 Pu	blic Primary	Certification Aut	hority	
DigiCert A	ssured ID R	oot CA		
DigiCert H	igh Assuran	ce EV Root CA		
Entrust.ne	et Certificati	on Authority (20-	48)	
Entrust.ne	et Secure Se	erver Certification	h Authority	-
•		III		- F
certification	authorities			
lect Authentica	ation Method	CHAP v2)	•	Configure
lect Authentica	ation Methoo ard (EAP-MS	D: CHAP v2)	•	Configure.
lect Authentica ecured passwo ]Enable Fast R	ation Method ard (EAP-MS leconnect	d: CHAP v2)	•	Configure.
lect Authentica ecured passwo ] Enable Fast R ] Enforce Netw	ation Method ord (EAP-MS leconnect ork Access I	D: CHAP v2) Protection	•	Configure.
lect Authentica ecured passwo Enable Fast R Enforce Netw Disconnect if	ation Method ord (EAP-MS econnect ork Access I server does	CHAP v2) Protection not present cryp	▼ ptobinding TL	Configure.
lect Authentica ecured passwo Enable Fast R Enforce Netw Disconnect if Enable Identi	ation Method ord (EAP-MS teconnect ork Access I server does ty Privacy	CHAP v2) Protection not present cry;	▼ ptobinding TL	Configure.
lect Authentica ecured passwo Enable Fast R Enforce Netw Disconnect if Enable Identi	ation Method ord (EAP-MS teconnect ork Access I server does ty Privacy	CHAP v2) Protection not present cryp	▼ ptobinding TL	Configure.

#### Passo 11

Selecione o separador "**Security**" e clique no botão "**Advanced Settings**".

eduroam Wireless Netw	ork Properties	×
Connection Security		
Security type:	WPA2-Enterprise	•
Encryption type:	AES	•
Choose a network au	thentication method:	
Microsoft: Protected	EAP (PEAP) -	Settings
Remember my cre time I'm logged on	dentials for this connect	ion each
Advanced settings		
		OK Cancel



- ✓ Selecione "Specify authentication mode"
- ✓ Escolha a opção "User authentication"
- ✓ Clique em "Save Credentials"

02. IX settings 802, 11 settings	
Specify authentication mode:	
User authentication	Save credentials
Delete credentials for all users	
Enable single sign on for this netwo	ork
Perform immediately before use	er logon
Perform immediately after user	logon
Maximum delay (seconds):	10
Allow additional dialogs to be d sign on	isplayed during single
This network uses separate vir and user authentication	tual LANs for machine

# Passo 13

No separador "User name" coloque o seu número de aluno

Save crede	entials
Saving your o	redentials allows your computer to connect to the network
when you're	not logged on (for example, to download updates).
	cutilizadors @ufp.pt
1 dela	
	*****





Clique no "OK"



#### Passo 15

O símbolo de rede deverá mostrar que está ligado, passando com o rato em cima aparecerá a rede eduroam.





Poderá surgir passados alguns instantes uma janela que irá pedir para classificar a rede **eduroam**. Escolha a opção "**Work network**".



A configuração da rede eduroam no seu computador está concluída.

