

MANUAL WPA2 Enterprise in a Windows domain

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1. Setting up a WPA2 Enterprise connection in Windows 10 in a domain

If your computer is integrated in a domain and you have problems establishing a connection with our **"MYWIRE-PEAP-XXX**" or **"MYWIRE-SECURE-XXX**" WiFi networks, this requires a manual setup of the WPA2-Enterprise connection, which we would like to explain to you here.

1. To do this, open the settings via the start menu.



2. Select the "Network & Internet" settings.

Settings			Windows	Settir	ngs		2	οx	
			Find a setting		٩		Ţ		
旦	System Display, sound, notifications, power		Devices Bluetooth, printers, mouse		Phone Link your Android, iPhone		Network & Internet Wi-Fi, airplane mode, VPN		
ý	Personalization Background, lock screen, colors		Apps Uninstall, defaults, optional features	8	Accounts Your accounts, email, sync, work, family	A ≱	Time & Language Speech, region, date		
8	Gaming Game bar, DVR, broadcasting, Game Mode	Ģ	Ease of Access Narrator, magnifier, high contrast	ß	Privacy Location, camera	C	Update & Security Windows Update, recovery, backup		
Q	Search Language, permissions, history								

3. Open the "Network and Sharing Center" here.



4. Select "Set up a new connection or network".

Network and Sharing Center				-		Х
🗧 🔶 🐘 🛧 🚺 > Control Pa	anel > All Control Panel Items > Network and	Sharing Center	~ Ō	Search Control Pane		Q
Control Panel Home	View your basic network informat	tion and set up connections				
	View your active networks					
Change adapter settings						
Change advanced sharing settings	Netzwerk Private network	Access type: Internet Connections: Ethernet				
		•				
	Change your networking settings					
	Set up a new connection or netwo	ork		\mathbf{O}		
	Set up a broadband, dial-up, or V	PN connection; or set up a router or access point.		4		
	Troubleshoot problems					
	Diagnose and repair network prob	blems, or get troubleshooting information.				
See also						
Infrared						
Internet Ontions						
internet options						

5. Select "Manually connect to a wireless network" and click "Next".

		_		×	
← 5	Set Up a Connection or Network				
(Choose a connection option				
				7	
	Set up a broadband or dial-up connection to the Internet.				
	Set up a new network				
5	Connect to a hidden network or create a new wireless profile.				
	Connect to a workplace				
	Set up a dial-up or VPN connection to your workplace.				
	(Next	Can	cel	

6. Here you enter the "SSID" which is on your router. If your device supports the 5GHz standard, please enter the "SSID" with "SGHZ". In addition, select "WPA2-Enterprise" as the security type and confirm the settings with "Next".

	- 🗆 🗙	
÷	Manually connect to a wireless network	
	Enter information for the wireless network you want to add	
	Network name: MYWIRE-PEAP-5GHZ-1	
	Security type: WPA2-Enterprise V	
	Encryption type:	
	Security Key:	
	Start this connection automatically	
	Connect even if the network is not broadcasting	
	Warning: If you select this option, your computer's privacy might be at risk.	
	Next Cancel	

7. Then click on the "Change connection settings" option.



8. Select the tab "Security" and the "Settings".

		_	
	MYWIRE-PEAP-5GHZ-1 Wireless Network Properties	×	
8	Security type: WPAP-Enterprise Encryption type: AES		
	Choose a network authentication method: Microsoft: Protected EAP (PEAP) Remember my credentials for this connection each time I'm logged on		
	Advanced settings		
	OK Cance	H	

9. Check the box **"Connect to these servers"** and enter **"radius.my-wire.de"** in the field below. Then select the field **"Configure"**.

	Protected EAD Dranation	×
9	Protected EAP Properties When connecting: Verify the server's identity by validating the certificate Connect to these servers (examples:srv1;srv2;.*srv3com radius.my-wire.de Trusted Root Certification Authorities: AddTrust External CA Root Baltimore CyberTrust Root Certum CA Certum Trusted Network CA Cartum Trusted Network CA Cartum Trusted Network CA Cartum CA Compose Suble Primary Certification Authority DigiCert Assured ID Root CA < Notifications before connecting: Tell user if the server's identity can't be verified Select Authentication Method: Secured password (EAP-MSCHAP v2) Configu Disconnect if server does not present cryptobinding TLV Enable Fast Reconnect Disconnect if server does not present cryptobinding TLV	x
	OK Can	ncel

10. Make sure that the check mark is **not** set and confirm with "OK".

	EAP MSCHAPv2 Properties	×	
	When connecting:		
10-	Automatically use my Windows logon name and password (and domain if any).		
	OK Cancel		

11. Now confirm all remaining windows with **"OK**" and close the **"connection settings**" option of point 7.

You can now use the WiFi connection. Make sure that you have no other incorrectly configured connection in the system that your adapter could automatically connect to. Follow the instructions up to point 3 and select **"WiFi**" in the menu on the left and then **"Manage Known Networks**".

Please note, that a certificate has a validity period. Should this expire, we will automatically provide a new certificate. This requires a new setup of the WiFi connection.

2. By questions or problems

Find answers to frequently asked questions on our website: https://www.my-wire.de/faq

We are happy to help you on our support hotline. You can reach them by calling the: +49 (0) 621-48348160 or send us an e-mail to: support@my-wire.de

Publisher: mywire Datentechnik GmbH Edisonstraße 21 D-68309 Mannheim

visit us online www.my-wire.de

