

<u>Windows 7 Configuration of HEC Smart</u> <u>University Connectivity Manual</u>

• Open 'Network and Sharing '



• Go to 'Manage Wireless Networks'







• Click on 'Add'

File Edit View Tools Help		
Manage wireless networks that	use (Wireless Network Connection)	
Windows tries to connect to these networ	ks in the order listed below.	
Add Adapter properties Profile types	Network and Sharing Center	
Saqib_Commtel	Security: WPA2-Personal	Type: Any supported
Smart University NOC	Security: WEP	Type: Any supported
Commtel-AP	Security: WPA2-Personal	Type: Any supported
UmerMalik	Security: WPA2-Personal	Type: Any supported

• Choose 'Manually Create a network profile'

File Edit View Tools Help Manage wireless networks that us	e (Wireless Network Connection)		
Windows tries to connect to these networks	in the order listed b		
Add Adapter properties Profile types N	etwork and Sharing 😡 📲 Manually connect i	to a wireless network	0
Networks you can view, modify, and reorder (50) Saqib_Commtel	See How do you wan	it to add a network?	Automatically connect
Smart University NOC	Sec Manually This creates i for the netwo	r create a network profile a new network profile or locates an existing network and saves a profile ork on your computer. You need to know the network name (SSD) and	Automatically connect
Commtel-AP	Sec security key	(if applicable).	Automatically connect
UmerMalik	Sec Create an This creates	a d hoc network a temporary network for sharing files or an Internet connection	Automatically connect
Guest	Sec		Automatically connect
Conference	Sec		Automatically connect
SAAD SAAD	Sec	Cancel	Automatically connect
Asher Faisel Khan's iPhone (2)	Security: WPA2-Personal	Type: Any supported	Automatically connect





- On network name write "HEC Smart University"
- Security type 'WPA-Enterprise'
- Encryption Type 'AES'
- Leave Security Key 'Blank'
- Click on 'Next'

Sec	Enter information	for the wireless network you want to add	
Sec	Network name:	HEC Smart University	
Ser	Security type:	WPA-Enterprise 🔹	
	Encryption type:	AES 🔹	
Sec	Security Key:	Hide characters	
Sec	Start this connec	tion automatically	
	Warning: If you	the network is not broadcasting select this option, your computer's privacy might be at risk.	
Sec			

• Go to 'Change Connection Setting'







- Select Security Type 'WPA-Enterprise'
- Encryption Type 'AES'
- Network Authentication Method: Microsoft: Protected EAP (PEAP) and then click setting

Su	eduroam Wireless Network Properties	
	Connection Security	
	Security type: WPA-Enterprise Encryption type: AES	
	Choose a network authentication method: Microsoft: Protected EAP (PEAP) Settings Remember my credentials for this connection each time I'm logged on	
	Advanced settings	
rity: WPA2		Ļ
	OK Cancel	

• Go to 'Security' Tab

SU	eduroam Wireless Network Properties
	Connection Security
	Security type: WPA-Enterprise Encryption type: AFS
	Choose a network authentication method:
	Microsoft: Protected EAP (PEAP)
	Remember my credentials for this connection each time I'm logged on
	Advanced settings
rity: WPA2	
	OK Cancel





- Uncheck 'Validate server certificate'
- Click on 'Configure'

Protected EAP Properties
When connection:
Connect to these servers:
Trusted Root Certification Authorities:
AddTrust External CA Root
Baltimore CyberTrust Root
Certification Authority of WoSign
Class 2 Primary CA
Class 3 Public Primary Certification Authority
Deutsche Telekom Root CA 2
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Do not prompt user to authorize new servers or trusted certification authorities.
Select Authentication Method:
Secured password (EAP-MSCHAP v2) Configure
✓ Enable Fast Reconnect
Enforce Network Access Protection
Disconnect if server does not present cryptobinding TLV
Enable Identity Privacy
OK Cancel

• Uncheck Automatically use my windows logon name and password (and domain if any) press OK

• Press 'Ok'





- Forget/Disconnect all Networks
- Enter your Institute ID and Password. Your user ID must be appended with @hec.gov.pk (e.g. test@hec.gov.pk).

Network /	Authentication	
Please enter	user credentials	
	User name	
	Password	

• Now you are ready to connect

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tion	•
Connected	AAAKAA
Sharing Center	
	rsity tion Connected

