Overview

NPWirelessx provides a seamless and secure connection to the campus wireless network. Users need not have to authenticate for network access each time they login.

Configuration

Step 1	Point to the fight bottom of windows and right mouse click.
Step 2	Click on the Open Network and Sharing Center.
Step 3	Select on the Set up a new connection or network.
Step 4	Click and select the Connect to a hidden network or create a new wireless profile. and next button.

Step 5 Type in the fields and check as shown below and click next button.

€	Manually connect to a wireless network			
	Enter information for the wireless network you want to add			
	Network name:	NPWirelessx		
	Security type:	WPA2-Enterprise V		
	Encryption type:	AES 🗸		
	Security Key:	Hide characters		
	Start this connection	automatically		
	✓Connect even if the n	etwork is not broadcasting		
	Warning: If you selec	t this option, your computer's privacy might be at risk.		
		Ţ		
	Next Cancel			

Step 6 Click on the "Change connection settings".



Step 7 You will see "NPWireless Wireless Network Properties", at the "Connection" tab and check the boxes as shown below.

NPWirelessx Wireless Network Properties			
Connection Security			
Name:	NPWIrelessx		
SSID:	NPWirelessx		
Network type:	Access point		
Network availability:	All users		
Connect automatically when this network is in range Connect to a more greferred network if available Connect even if the network is not broadcasting its name (SSID)			
	OK Cancel		

Step 8 You may now select the "Security" tab, by default settings as shown and click on the "Settings" button.

NPWireless	Wireless Network Properties	×	
Connection Security]		
Security type:	WPA2-Enterprise V		
Encryption type:	AES 🗸		
	Ţ		
Choose a network aut	hentication method:		
Microsoft: Protected	EAP (PEAP) V Settings		
✓ Remember my credentials for this connection each time I'm logged on			
Advanced settings			
	OK Cancel		

Step 9 Uncheck all the boxes as shown below and click on the "Configure..." button.

Do not check Protected EAP Properties	
	When connecting:
	Verify the server's identity by validating the certificate
	Connect to these servers (examples:srv1;srv2;.*\.srv3\.com):
	Trusted Root Certification Authorities:
	AddTrust External CA Root Baltimore CyberTrust Root
	Class 3 Public Primary Certification Authority
	DigiCert High Assurance EV Root CA
	Entrust.net Certification Authority (2048)
	Entrust.net Secure Server Certification Authority
	< >
	Notifications before connecting:
Do not check	Tell user if the server's identity can't be verified
	Select Authentication Method:
	Secured password (EAP-MSCHAP v2) V Configure
	Enable Fast Reconnect
	Enforce Network Access Protection
	Disconnect if server does not present cryptobinding TLV
	Enable Identity Privacy
	OK Cancel

Step 10 Uncheck the "Automatically use my Windows..." if need to and click OK button.



Connection	Security			
Security ty	ype:	WPA2-Enterprise		
Encryption	n type:	AES		
Remen time I'r	: Protected nber my cre n logged or	edentials for this connect	Settings ion each	
Remen time I'r	: Protected nber my cre n logged or	edentials for this connect	Settings ion each	
Remen time I'r	: Protected nber my cre m logged or	edentials for this connect	Settings ion each	
Remen time I'r	: Protected nber my cre n logged or	edentials for this connect	Settings ion each	
Remen time I'r	: Protected nber my cre n logged or	edentials for this connect	Settings ion each	
Microsoft	: Protected nber my cre n logged or	edentials for this connect	Settings ion each	

Step 11 Proceed to "Advanced settings" now.

Step 12 Check the boxes as shown below.



Step 13 Now click on the "802.11 settings" tab and configure as shown below.



- **Step 14** When finished, close all the boxes by clicking OK button.

Step 18 In this step, you will enter your NPNet ID and password.

Password Domain:

Staff	Students	
For user name, enter npnet\ followed by your NPNet ID.	For user name, enter npstd\ followed by student ID.	
If your NPNet ID is abc, enter npnet\abc	If your student ID is 10131234A, enter npstd\s10131234	
	Do not enter the last letter of your student ID.	
Network Authority	entication	
User name		

Step 19 You will see the picture similar to the one below if you are connected to NPWirelessx.

ОК

Cancel



Note: If you are unable to connect successfully to NPWirelessx, please check that HT or VHT mode is disabled for your wireless adapter.

Go to 'Network and Sharing Center' > 'Manage Network Adapters' > right click on your wireless network adapter and select 'Properties' > click on 'Advance' tab > look for 'HT Mode' under Property and set it to 'Disabled'.



If you require assistance with NPWirelessx configuration, you may approach Helpdesk at Blk 27 #01-01 or SMS to 90300263.

Alternatively, please write to:

Students - <u>Dora.ITCare@np.edu.sg</u> with your Student Number, Full Name, Course of Study and Contact Number

Staff - <u>Support@np.edu.sg</u>

=====The End=====