IPv6 Generic Setting By Connect Communications pvt Itd Connect Communications pvt ltd is offering Internet connectivity over DUAL stack (IPv4 + IPv6) to its broadband Internet Subscribers under the guidance of PTA (Pakistan Telecommunications Authority).

Now its mandatory for Dealers/Franchises to configure clients / users end CPE / WIFI Routers / EPON/ GPON/XPON devices to activate IPv6 address setting and take advantages of Internet over it.

IPv6 Generic WAN setting:-Connection Type : PPPoEv6 Addressing Type : SLAAC

IPv6 Generic LAN setting:-Address Auto-Configuration Type : RADVD Site Prefix Configuration Type : Delegated

For Example:

TPLINK-840N IPv6 Setting on Connect Communications pvt broadband services.

Step1: Login into the TPLink WiFi Router using its admin password.

Step2: After login into the TPLink WiFi router, Click on IPv6 tab in the left menu.

Ptp-link	TP-Link Wireless N Router WR840N Model No. TL-WR840N
Status	
Quick Setup	
Operation Mode	Status
Network	
Wireless	Firmware Version: 0.9.1 4.17 v0001.0 Build 200709 Rel.33396n
Guest Network	Hardware Version: TL-WR840N v6 00000007
DHCP	
Forwarding	
Security	LAIN
Parental Controls	MAC Address: 50.D4:F7:10:A5:CA
Access Control	IP Address: 192.168.0.1
Advanced Routing	Subnet Mask: 255.255.250.0
Bandwidth Control	
IP & MAC Binding	Wireless 2.4GHz
Dynamic DNS	Operation Mode: Pourter
IPv6	Wireless Radio: Enabled

Step3: In IPv6 tab click On IPv6 WAN and applied the the setting in Connection Type (PPPoEv6) and Addressing Type (SLAAC) as shown in following screenshot also check on PPPoE same session with IPv4 connection then click on Save to save the setting of wan side.

	TP-Link Wireless N Router WR840N Model No. TL-WR840N	
Status		
Quick Setup		
Operation Mode	IPv6 WAN	
Network		
Wireless		-
Guest Network	Enable IPv6:	
DHCP	Connection Type:	PPPOEVO V
Forwarding		PPPoE same session with IPv4 connection
Security	Addressing Type:	SLAAC V
Parental Controls		
Access Control		Auvance +
Advanced Routing		
Bandwidth Control		Save
IP & MAC Binding		
Dynamic DNS		
IPv6		
- IPv6 Status		
- IPv6 WAN	—	
- IPv6 LAN		
System Tools		
Logout		

Step4: In IPv6 tab click on IPv6 LAN and applied the the setting in Address Auto-Configuration Type (RADVD) and Site Prefix Configuration Type: (Delegated) as shown in following screenshot then click on Save to save the setting of LAN side.

tp-link	Model No. TL-WR840N	
Status		
Quick Setup		
Operation Mode	IPv6 LAN Settings	
Network		
Wireless	The parameters of IPv6 LAN can be configured on this page when	Pv6 enabled.
Guest Network	Note: Only the default group will support IPv6 at this moment.	
DHCP	Group:	Default
Forwarding	Address Auto-Configuration Type:	RADVD O DHCPv6 Server
Security	Enable RDNSS:	
Parental Controls	Enable ULA Prefix:	
Access Control	Site Prefix Configuration Type:	Delegated Static
Advanced Routing	Prefix Delegated WAN Connection:	ewan_pppoe
Bandwidth Control		
IP & MAC Binding		
Dynamic DNS		Save
IPv6		
- IPv6 Status		
- IPv6 WAN		
- IPv6 LAN		
System Tools		
Logout		

Step5: Click on IPv6 Status to check the status and its shows the WAN and LAN side of IPv6 addressing allocation by Connect BRAS side.

TL-WR840N	× +	
← → C ▲ Not sec	ure 192.168.0.1	
Ptp-link	TP-Link Wireless N Router WR840N Model No. TL-WR840N	
Status		
Quick Setup		
Operation Mode	IPv6 Status	
Network		
Wireless	WAN	
Guest Network	WAN	
DHCP	Connection Type: PPPoEv6	
Forwarding	Connection Status: Connected	
Security	IPv6 Address: 2406:d00:ccc2:f97f:697c:1dcf.e7df.3d66 /64	
Parental Controls	IPv6 Default Gateway: fe80::6ae2:09ff.feaf.6881	
Access Control	Primary IPv6 DNS: 2406:d00::45	
Advanced Routing	Secondary IPv6 DNS: 2406:d00::46	
Bandwidth Control		
IP & MAC Binding	IPv6 LAN	
Dynamic DNS	IPv6 Address Type: RADVD	
IPv6	Prefix Length: 64	
- IPv6 Status	IPv6 Address: 2406:d00:ccce:e810:ae84:c6ff.fef4:36e0	
- IPv6 WAN		
- IPv6 LAN		
System Tools		
Logout		

Step6: Normally Smartphones are Ipv6 enabled by default but on PC-Systems with Windows10/11 you need to check or enable the IPv6 in TCP/IP setting of Ethernet or WiFi Adopter.

