

Business Broadband Service IPv6 Configuration Guide [Windows 7 / Vista]

(Version 2.0)

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Windows Vista / Windows 7

- 1. From the task bar, click Start and select Control Panel
- 2. Click Network & Internet, and then choose Network Connections
- 3. Double Click the connection that you want to change



4. Click Properties

ieneral		
Connection		
IPv4 Connect	ivity: Li	mited
IPv6 Connect	ivity: Li	mited
Media State:	En	abled
Duration:	1 day 07:	39:32
Speed:	1.0	Gbps
Details		
Details		
Details	Sent — Nec	eived
Details Activity —— Packets:	Sent — 👷 — Rec 49	eived 0

- 5. Select Networking tab page and then select Internet Protocol Version 6 (TCP/IPv6)
- 6. Click **Properties**

Connect using:		
Intel(R) 82	566MM Gigabit Network Cor	nnection
This connection (uses the following items:	Configure
QoS Pa	cket Scheduler	
	Printer Sharing for Microsoft Protocol Version 6 (TCP/IP) Protocol Version 4 (TCP/IP) ver Topology Discovery Map ver Topology Discovery Resp Interacted	Networks (6) (4) per I/O Driver ponder
□ ■ File and ✓ ■ Internet ✓ ■ Internet ✓ ■ Link-Lay □ ▲ Link-Lay □ ■ Link-Lay □ ■ Link-Lay	Printer Sharing for Microsoft Protocol Version 6 (TCP/IPv Protocol Version 4 (TCP/IPv rer Topology Discovery Map rer Topology Discovery Res	Networks (6) (4) per I/O Driver conder Properties

7. Click Properties

For Auto IP address assignment, please click the following two fields:

General	
You can get IPv6 settings assig Otherwise, you need to ask yo	ned automatically if your network supports this capability. Sur network administrator for the appropriate IPv6 settings.
() Obtain an IPv6 address a	utomatically
Use the following IPv6 ad	dress:
IPv6 address:	
Sybnet prefix length:	
Default gateway:	
Obtain DNS server addres	ss automatically
O Use the following DNS ser	ver addresses:
Preferred DNS server:	
Alternate DNS server;	
	Ad <u>v</u> anced
	a)

For hard code the IP address, select Use the following IPv6 Address:

- Type in "IPv6 address", "Subnet Prefix Length" and "Default Gateway address" as the following screen.
- Type in "Preferred DNS server". Then click **OK** to finish the set up.

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u can get IPv6 settings assign nerwise, you need to ask you	ed automatically if your network supports this capability. r network administrator for the appropriate IPv6 settings.
	la sensere succesa estancian e destructes e servicionale de contra contra contra de la servicio de la servicio
) <u>O</u> btain an IPv6 address au	tomatically
) U <u>s</u> e the following IPv6 add	ress:
<u>I</u> Pv6 address:	2407:8000:8002:1ff::2
S <u>u</u> bnet prefix length:	64
Default gateway:	2407:8000:8002:1ff::1
) Obtain DNS server address	automatically
Use the following DNS serv	er addresses:
Preferred DNS server:	2002:d596:2a92:1:71:53::
Alternate DNS server:	
	Advanced
	Auvanceu

8. Test the connection, open the Internet Explorer, type the website which has IPv6 address, e.g. <u>www.gov.hk</u>



9. Check the connection and the IPv6 address: Open the command prompt Type "nslookup [website]"

e.g., nslookup www.gov.hk and you can find the www.gov.hk IPv6 address



10. Type "netstat". Will see the IPv6 address for www.gov.hk.

Admini:				
'nestat' operable	is not recognized a program or batch fi	s an internal or extern le.	al command,	-
C:\Users	∖Jack>netstat			
Active C	Connections			
Proto TCP TCP TCP TCP TCP TCP TCP TCP TCP TCP	Local Address 127.0.0.1:1029 127.0.0.1:1030 127.0.0.1:1032 127.0.0.1:1033 127.0.0.1:1035 127.0.0.1:1054 127.0.0.1:5939 127.0.0.1:57901 127.0.0.1:57901 127.0.0.1:57903 127.0.0.1:57903 127.0.0.1:57904 127.0.0.1:57904 127.0.0.1:57905 [2407:8000:8002:1ff	Foreign Address PoleCat:1030 PoleCat:1029 PoleCat:1033 PoleCat:1032 PoleCat:5939 PoleCat:27015 PoleCat:27015 PoleCat:1035 PoleCat:1054 PoleCat:14147 PoleCat:57903 PoleCat:57903 PoleCat:57904 ::2]:57915 [2406:0:6a:	State ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED ESTABLISHED 4::167]:http ESTABLISHED	