Build a LAN through Bluetooth USB Dongle

Definition: Host is able to connect Internet; Client connects Internet through Bluetooth USB Dongle.

Firstly: Set Server Establish incoming connection

Open "Control Panel" \rightarrow Enter option of "network connections" \rightarrow "Create a new connection"

🛐 Create a new connection

After install "New Connection Wizard", select "Next"



Select "Set up an advanced connection", "Next"

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Select the connection type as "Accept incoming connections"

New Connection Wizard
Advanced Connection Options Which type of connection do you want to set up?
Select the connection type you want:
Accept incoming connections Allow other computers to connect to this computer through the Internet, a phone line, or a direct cable connection.
O <u>C</u> onnect directly to another computer
Connect to another computer using your serial, parallel, or infrared port.
< <u>B</u> ack <u>N</u> ext > Cancel

Select "Communications cable between two computers". Herein select "COM4,COM6", Click "Next"

ew Connection Wizard
Devices for Incoming Connections You can choose the devices your computer uses to accept incoming connections.
Select the check box next to each device you want to use for incoming connections.
 Lucent Win Modem Standard 56000 bps V90 Modem Communications cable between two computers (COM4) Communications cable between two computers #2 (COM6) Direct Parallel (LPT1)
P <u>r</u> operties
<pre>< Back Next > Cancel</pre>

Select "Do not allow virtual private connections", "Next"

New Connection Wizard
Incoming Virtual Private Network (VPN) Connection Another computer can connect to yours through a VPN connection
Virtual private connections to your computer through the Internet are possible only if your computer has a known name or IP address on the Internet.
If you allow VPN connections, Windows will modify the Internet Connection Firewall to allow your computer to send and receive VPN packets.
Do you want to allow virtual private connections to this computer?
 Allow virtual private connections
 Do not allow virtual private connections
<pre>< Back Next > Cancel</pre>

Select and create user permissions, which let Client dial and land through corresponding user name

w C	Connection Wizard
Us	er Permissions You can specify the users who can connect to this computer.
	Select the check box next to each user who should be allowed a connection to this computer. Note that other factors, such as a disabled user account, may affect a user's ability to connect.
	Users allowed to connect:
	E febgko (fengko)
	 ✓ Same Guest ☐ Same HelpAssistant (Remote Desktop Help Assistant Account) ☐ Support _ 388945a0 (CN=Microsoft Corporation,L=Redmond,S=Washington,(
	Add Remove Properties
	< Back Next > Cancel

Select "Internet protocol', and confirm "Internet Protocol (TCP/IP)" to be selected already.

New Con	nection Wizard
Netwo Ne of	rking Software tworking software allows this computer to accept connections from other kinds computers.
Sel for	lect the check box next to each type of networking software that should be enabled incoming connections.
Ne	tworking software:
	🎬 Internet Protocol (TCP/IP)
Y Y	File and Printer Sharing for Microsoft Networks QoS Packet Scheduler
	Install Uninstall Properties
De	scription:
Tra tha	insmission Control Protocol/Internet Protocol. The default wide area network protocol t provides communication across diverse interconnected networks.
	< Back Next > Cancel

Then, new connection completes..



O "Properties" Olick "Incoming Connection" by right key of mouse select "Always allow directly connected devices such as Palmtop computers to connect without providing password", which will not need to set user password.

Incoming Connections Properties	?
General Users Networking	
Users allowed to connect:	
Administrator	
Class Guest	
Egen HelpAssistant (Remote Desktop Help Egen SUPPORT 388945a0 (CN=Microsof	Assistant Account) t Corporation L=Bedmc
	>
New Delete	Properties
Note that other factors, such as a disabled us	er account, may
anect a user's ability to connect.	
Hequire all users to secure their password	s and data.
 Always allow directly connected devices a computers to connect without providing a 	such as palmtop password.

Secondly : Preparation and connection before connecting

In Host, open agent program. Herein we give "CCPROXY" as example. (You can download probation version from http://www.youngzsoft.com), Open "CCPROXY", Enter "Settings"



Check port and address.

发置		×
	协议 IV HTTP	端口 808
	🔽 Secure	808
☞ 邮件	🔽 FTP (Web)	808
DNS	🔽 Gopher	808
□ 网页缓存	SOCKS	1080
▶ 远程拨号	🔽 FTP	2121
▶ 自动启动	🔽 Telnet	23
□ 自动隐藏	☞ 新闻	119
本地IP地址:	▼ 自动检测	212.212.212.1
	_ 高级 (A)	确定 (0) 取消 (C)

Come back to Client, open Internet explorer \rightarrow "Tools" \rightarrow "Internet Options" \rightarrow "Connection" \rightarrow "Bluetooth LAN Connection Client" \rightarrow "Settings"





Select "Use a proxy server for this connection", and then continue "advanced" setting.

Bluetooth LAN Connection Client Settings	
Automatic configuration Automatic configuration may override manual setting use of manual settings, disable automatic configurat	gs. To ensure the
Automatically detect settings	
Use automatic configuration script	
Add <u>r</u> ess	
Proxy server	
Use a proxy server for this connection (These se apply to other connections).	ttings will not
Addr <u>e</u> ss: Por <u>t</u> :	Advanced
Bypass proxy server for local addresses	
Dial-up settings	
User name:	Properties
Password:	Advanced
Domain:	
ОК	Cancel

Set port and address as above. And confirm.

Proxy	Settings			? 🗙
Serve	ers		an e caractera. A terrar a tractera	
_ P	Туре	Proxy address to use	Port	
<u>e</u> l	HTTP:	212.212.212.1	: 808	
	Secure:	212.212.212.1	: 808	
	FTP:	212.212.212.1	: 2121	
	Gopher:	212.212.212.1	: 808	
	Socks:	212.212.212.1	: 1080)
	Use the	same proxy server for all prot	ocols	
Excer	otions			
	Do not use (proxy server for addresses be	ginning with	
4				
	Use semicol	ons (;) to separate entries.		
		ОК	Cance	el

Open "Blue Manager", make Host connect Internet, and open "Bluetooth LAN Connection Client" of Client. After connecting, select devices.



Connect Bluetooth LAN Connection Client 💦 🔀
User name:
Password:
Save this user name and password for the following users:
 Me only Anyone who uses this computer
Connect Cancel Properties Help

Connecting Bluetooth LAN Connection Client...

Dialing		
	Cancel	

XTNDConnect Blue Manager 🛛 🛛 🔀		
An application has tried to open Bluetooth serial port OK Bluetooth COM Port - LAN (COM6). What device would you like to connect to on this port?		
🔲 Set as Default Device		
Device Name	Device Address	Device Type
SCYBERBLUE	00:08:1B:00:07:3C	Desktop Computer
🐞 deskjet 995c S/N MY19	00:04:76:89:59:27	Cellular Phone
🐞 Nokia 8910	00:02:EE:1C:8C:53	Cellular Phone
📓 Pocket PC	00:08:1B:00:03:27	Palm Computer
🐞 T68KOFENG	00:80:37:2E:1B:B7	Cellular Phone
<		

Finally, Client can connect Internet.