Sharing Data (instance)

Foreword:

1) Both computers' operating system is Microsoft Windows XP Professional version 2002 Service Pack 2 Let's call these two computers as Computer A and Computer B (Through the USB Ethernet 10/100 Adaptor to the Local Area network)

- 2) The purpose of this instance is telling you how to make two computers exchange visits and share Data.
- 3) These two computers' workgroup must be set as same, such as: DOMAIN (refer to the below chart)

System Properties ? 🔀				
System Restore General Com	Automatic Updates puter Name Hardware	Remote Advanced		
Windows uses the following information to identify your computer on the network.				
Computer description:				
For example: "Kitchen Computer" or "Mary's Computer".				
Full computer name:	rd8.			
Workgroup:	DOMAIN			
To use the Network Identification Wizard to join a domain and create a local user account, click Network ID.				
To rename this computer or join a domain, click Change.				
	OK Cancel	Apply		

System Properties	? 🛛		
System Restore General Com	Automatic Updates Remote Duter Name Hardware Advanced		
Windows uses on the network	the following information to identify your computer		
Computer description:			
	For example: "Kitchen Computer" or "Mary's Computer".		
Full computer name:	rd5.		
Workgroup:	DOMAIN		
To use the Network Identification Wizard to join a domain and create a local user account, click Network ID.			
To rename this computer or join a domain, click Change.			
	OK Cancel Apply		

Installation and Setup for Computer A and B

(1) Install NETBEUI protocol

1. Open ' Control Panel' --- ' Network connections' , double click ' Local Area Connection'



2. Click ' Properties'

Local Area Connection Status	? 🔀
General Support	
Connection	
Status:	Connected
Duration:	00:22:15
Speed:	TUU.U MDps
Activity	
Sent — 📝 —	- Received
Bytes: 115,056	136,643
Properties Disable	
	<u>C</u> lose

3. Click ' install ... '

🕹 Local Area Connection Properties 🛛 🔹 💽			
General Authentication Advanced			
Connect using:			
ADM851X USB To Fast Ethemet Ada			
This connection uses the following items:			
Client for Microsoft Networks			
File and Printer Sharing for Microsoft Networks			
🗹 📇 QoS Packet Scheduler			
Internet Protocol (TCP/IP)			
I <u>n</u> stall <u>U</u> ninstall P <u>r</u> operties			
Description			
Allows your computer to access resources on a Microsoft			
network.			
Show icon in notification area when connected			
Notify me when this connection has limited or no connectivity			
OK Cancel			

4. Select 'Protocol' and click 'Add...'

Select Network Component Type 🛛 🛛 🛛		
Lick the type of network component you want to install:		
🔜 Client		
Service		
Protocol		
A protocol is a language your computer uses to compunicate with other computers		
commanicato menorial compatibili.		
Add Cancel		

5. Click 'Have Disk...'

Select Network Protocol 🔹 🤶 🔀
Click the Network Protocol that you want to install, then click OK. If you have an installation disk for this component, click Have Disk.
Network Protocol:
Microsoft TCP/IP version 6 Microsoft TCP/IP version 6 Network Monitor Driver NwLink IPX/SPX/NetBIOS Compatible Transport Protocol
This driver is digitally signed. Have Disk <u>Tell me why driver signing is important</u>
OK Cancel

6. Click 'Browse...', select access (system disk icon): F: \VALUEADD\MSFT\NET\NETBEUI, click 'OK'

Select Ne	etwork Protocol 🛛 💽 🔀
<u>~</u>	Click the Network Protocol that you want to install, then click OK. If you have an installation disk for this component, click Have Disk.
Install F	From Disk 🛛 🔀
J	Insert the manufacturer's installation disk, and then OK make sure that the correct drive is selected below. Cancel
	Copy manufacturer's files from:
	I:\VALUEADD\MSFT\NET\NETBEUI Browse
	OK Cancel

7. Select ' NetBEUI Protocol' , click ' OK'

Select Network Protocol
Click the Network Protocol that you want to install, then click OK.
Network Protocol:
NetBEUI Protocol
This driver is not digitally signed! <u>Tell me why driver signing is important</u>
OK Cancel

8. Click 'Yes' to restart your computer

Local Network			
⚠	You must shut down and restart your computer before the new settings will take effect. Do you want to restart your computer now?		
	Yes No		

9. Completed the installation of NetBEUI Protocol

(2) Setup Group Policy

1. Click 'start , then select and click 'Run'

along		
Internet Internet Internet Internet Internet Outlook Outlook Paint Image: Comparison of the second of the secon	My Documents My Recent Documents My Pictures My Music My Computer My Computer Control Panel Set Program Access and Defaults Printers and Faxes Help and Support Search	
All Programs 📡		
Log Off UT Turn Off Computer		

2. Key in ' apedit.msc' , click 'OK' to open ' Group Policy '

Run	? 🛛
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	gpedit.msc 💌
	OK Cancel <u>B</u> rowse

3. Enter into ' Computer Configuration ' --- 'Windows Settings' --- 'Security Settings' --- 'Local Policies'

🚡 Group Policy				
Eile Action Yew Help $\leftarrow \rightarrow$ \boxdot \blacksquare \blacksquare				
Local Computer Policy	^	Policy A	Security Setting	
Windows Settings Scripts (Startup/Shutdown)		Debug programs	Administrators	
Erei Courty Settings		Deny logon as a batch job		
		Deny logon locally Deny logon through Terminal Services Enable computer and user accounts to be trust	SUPPORT_30094580,ASPNE ASPNET	
Declarly Options Decl	~	Force shutdown from a remote system Generate security audits	Administrators	
	_			

4. Double click ' Deny access to this computer from the network' , then it will show the below interface , please

Select 'Guest' a cancel it.

Deny access to this computer from the network Prop ? 🔀
Local Security Setting
Deny access to this computer from the network
Guest SUPPORT_388945a0
Add <u>U</u> ser or Group <u>R</u> emove
OK Cancel Apply

Deny access to this computer from the network Prop ? 🔀
Local Security Setting
Deny access to this computer from the network
SUPPORT_388945a0
Add <u>U</u> ser or Group <u>Remove</u>
OK Cancel Apply



5. Enter into 'Computer Configuration'--- 'Windows Settings'---'Security Settings'---'Local Policies'—'Security Options' ; select and double click 'Network access : Sharing and security model for local accounts'

🚡 Group Policy		
File Action View Help		
 Local Computer Policy Computer Configuration Software Settings Windows Settings Scripts (Startup/Shutdowr Security Settings Account Policies Local Policies Local Policies Security Options Public Key Policies Software Restriction F 	Policy A Network access: Allow anonymous SID/Name translation Network access: Do not allow anonymous enumeration of SA Network access: Do not allow anonymous enumeration of SA Network access: Do not allow storage of credentials or .NET Network access: Let Everyone permissions apply to anonymo Network access: Named Pipes that can be accessed anonym Network access: Remotely accessible registry paths Network access: Shares that can be accessed anonymously Network access: Shares that can be accessed anonymously Network access: Sharing and security model for local accounts Network security: Do not store LAN Manager hash value on Network security: Force logoff when logon hours expire	Security Se Disabled Enabled Disabled Disabled COMNAP,C System\Cui COMCFG,D Guest only Disabled Disabled Comstabled Disabled Disabled Disabled

6. Please change it as 'Classic-local users authenticate as themselves', click 'OK'.

Network access: Sharing and security model for local ? 🔀		
Local Security Setting		
Network access: Sharing and security model for local accounts		
Guest only - local users authenticate as Guest Classic - local users authenticate as themselves Guest only - local users authenticate as Guest		
OK Cancel Apply		



🚡 Group Policy				
<u>File Action View H</u> elp	Eile <u>A</u> ction <u>V</u> iew <u>H</u> elp			
🛐 Local Computer Policy 🗾 🔺	Policy A	Security Se 🔺		
🖻 🛃 Computer Configuration	BNetwork access: Allow anonymous SID/Name translation	Disabled		
Goftware Settings	Network access: Do not allow anonymous enumeration of SA	Enabled		
Ere Windows Settings	Network access: Do not allow anonymous enumeration of SA	Disabled		
Scripts (Startup/Shutdowr =	Network access: Do not allow storage of credentials or .NET	Disabled		
	Network access: Let Everyone permissions apply to anonymo	Disabled		
	Network access: Named Pipes that can be accessed anonym	COMNAP,C		
Even Policies	Network access: Remotely accessible registry paths	System\Cu		
User Rights Assign	BNetwork access: Shares that can be accessed anonymously	COMCFG,D		
	Network access: Sharing and security model for local accounts	Classic - loc		
	🕮 Network security: Do not store LAN Manager hash value on	Disabled		
🕂 🦳 Software Restriction F 🗹	Whetwork security: Force logoff when logon hours expire	Disabled 🛛 💌		
<	<	>		

7. Select 'Accounts: Limit Local account use of blank passwords to console logon only 'and double click it.

🚡 Group Policy		
<u>File Action View H</u> elp		
← → 🗈 📧 🗙 📽 😫		
🛐 Local Computer Policy 🛛 🔼	Policy 🔺	Security :
🖻 🛃 Computer Configuration	B Accounts: Administrator account status	Enabled 📄
Goftware Settings	Accounts: Guest account status	Disabled 💻
Windows Settings	🗱 Accounts: Limit local account use of blank passwords to console logon only	Enabled
Scripts (Startup/Snutdowr =	🞉 Accounts: Rename administrator account	Administr
B Becurity Settings	BB Accounts: Rename guest account	Guest
	Be Audit: Audit the access of global system objects	Disabled
	Backup and Restore privilege	Disabled
User Rights Assign	颱Audit: Shut down system immediately if unable to log security audits	Disabled
🕀 🧰 Security Options	BOCOM: Machine Access Restrictions in Security Descriptor Definition Lan	Not defin
🕀 📄 Public Key Policies 📃	BOCOM: Machine Launch Restrictions in Security Descriptor Definition La	Not defin
🕂 🦳 Software Restriction F 🛀	蹬Devices: Allow undock without having to log on	Enabled 🚩
		>

8. It will show the below interface , please select 'Disabled' , click 'OK'

Accounts: Limit local account use of blank passwords ? 🔀		
Local Security Setting		
Accounts: Limit local account use of blank passwords to console logon only		
○ <u>E</u> nabled		
OK Cancel Apply		

🚡 Group Policy		_ 🗆 🔀
<u> Eile A</u> ction <u>V</u> iew <u>H</u> elp		
← → 🗈 🖬 🗙 📽 😫		
🛐 Local Computer Policy 🛛 🔼	Policy 🔺	Security : 🔨
🖃 礘 Computer Configuration	🔀 Accounts: Administrator account status	Enabled 📄
⊡ Software Settings	B Accounts: Guest account status	Disabled 🚽
Windows Settings	K Accounts: Limit local account use of blank passwords to console logon only	Disabled
Scripts (Startup/Shutdowr =	🔀 Accounts: Rename administrator account	Administr
Account Policies	BB Accounts: Rename guest account	Guest
	BAudit: Audit the access of global system objects	Disabled
	🕮 Audit: Audit the use of Backup and Restore privilege	Disabled
- Generation Assign	BAudit: Shut down system immediately if unable to log security audits	Disabled
	BDCOM: Machine Access Restrictions in Security Descriptor Definition Lan	Not defin
	BDCOM: Machine Launch Restrictions in Security Descriptor Definition La	Not defin
🕂 🦳 Software Restriction F 🗹	BDevices: Allow undock without having to log on	Enabled 💌
		>

(3) Turn on GUEST Account

1. Click 'Start', select and click 'Control Panel'

along	
Internet Internet E-mail Outlook E-mail Outlook Paint Ombourded Camtasia Recorder	My Documents My Recent Documents My Recent Documents My Pictures My Music My Computer My Computer Set Program Access and Defaults Printers and Faxes Help and Support
All Programs 🕨	Log Off OTurn Off Computer

2. Double click 'User Accounts'



3. Select and click 'Guest'



4. Click 'Turn on the Guest Account'



5. Guest Account is turned on



(4) Sharing Data

1. Open 'My Computer' – 'Tools' – 'Folder Options'



2. Click 'Display simple folder view in Explorer's Folders list', click 'OK'



3. Click disk G with right key on your mouse, select 'Sharing and Security...'



4. Select 'Sharing', click 'New Share'

data (G:) Proper	ties	? 🗙	
General Tools	Hardware Sharing Security Quota		
You can share this folder with other users on your network. To enable sharing for this folder, click Share this folder.			
O Do <u>n</u> ot share	e this folder		
Share this fo	Ider		
S <u>h</u> are name:	G\$	*	
<u>C</u> omment:	Default share		
User limit:	⊙ <u>M</u> aximum allowed		
	O Allo <u>w</u> this number of users:	×	
To set permissions for users who access this folder over the network, click Permissions.			
To configure settings for offline access, click Caching Caching			
N <u>e</u> w Share			
Windows Firewall will be configured to allow this folder to be shared with other computers on the network.			
View your Windows Firewall settings			
OK Cancel Apply			

5. Key in 'Share name'

New Share		? 🔀
<u>S</u> hare name:	G	ОК
Co <u>m</u> ment:		Cancel
User limit Ma <u>x</u> imum a Allo <u>w</u> this r	allowed number of users:	Permissions

6. Click 'Permissions...', you can set it according to yourself requirement , here , everybody can share reading and writing , click 'OK' .

Permissions for G	? 🛛
Share Permissions	
<u>G</u> roup or user names:	
🕵 Everyone	
	A <u>d</u> d <u>R</u> emove
Permissions for Everyone	Allow Deny
Full Control	
Change Read	
ОК	Cancel Apply

7. Click 'OK'

data (G:) Properties
General Tools Hardware Sharing Security Quota
You can share this folder with other users on your network. To enable sharing for this folder, click Share this folder.
O Do <u>n</u> ot share this folder
Ostate State S
S <u>h</u> are name: G
Comment:
User limit: Oser limit: Os
◯ Allo <u>w</u> this number of users:
To set permissions for users who access this <u>Permissions</u> folder over the network, click Permissions.
To configure settings for offline access, click Caching Caching.
<u>R</u> emove Share <u>Ne</u> w Share
Windows Firewall will be configured to allow this folder to be shared with other computers on the network.
View your Windows Firewall settings
OK Cancel <u>A</u> pply

8. In folder of 'My Computer', you can find a disk icon held in the palm, which means you completed setting shareware.



9. Enter into 'Start' --- ' Neighbor in network ' --- 'Check Workgroup Computer' , then you can see the computer list



10. Just open one of the computer , you can find the shareware .

