



# z2 PocketLAN Help

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# z2 PocketLAN Help

Scan more and scan faster! The all-in-one network Swiss knife for Windows Mobile!

01/01/2007 File version 1.00

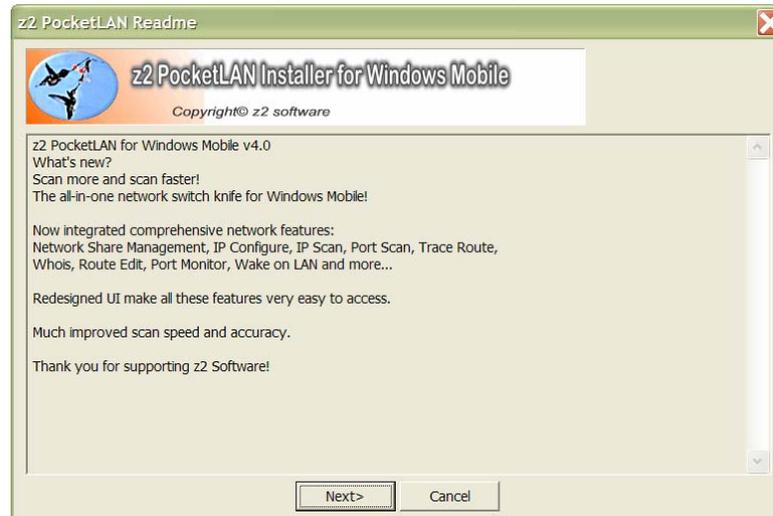
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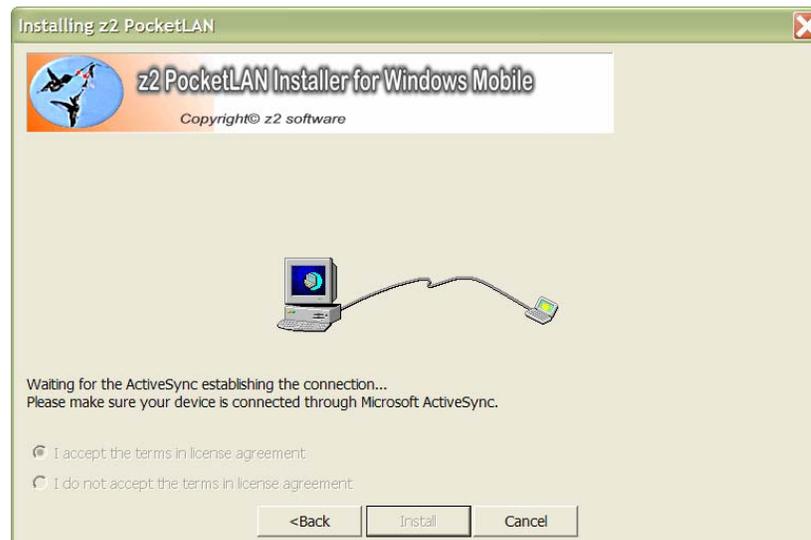


## Quick Start Guide

- #1.** Connect your PDA, Phone or other mobile device to your desktop PC. On your desktop PC, Unzip the downloaded file to a folder and click Setup.exe to start the installation

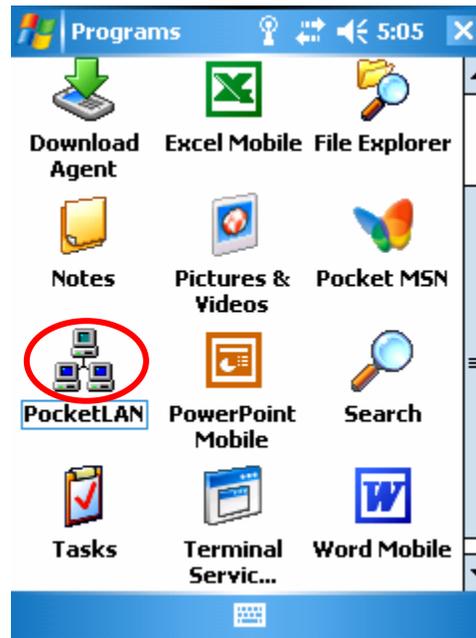


- #2.** Follow the setup instructions step by step to finish the installation.





- #3.** z2 PocketLAN has been installed on your PDA, click: Start->Programs->PocketLAN to start the program.





## Key Features

### Manage network share

- Create local map for network share resource like share folder and printer.
- Manage the mapped share in centralized UI. Ease your effort for playing mp3 or movie on the network.
- Automatic connect/disconnect the network share resource when it is online/offline.
- Pocket File Explorer plug-in.
- Plain text print on supported network printer.

### Comprehensive network utility

- Includes IP Config, Ping, Trace Route, Route Table Edit, Port Monitor, Wake on LAN, Whois and more...
- Integrated IP Scan including NetBIOS Scan, ARP Scan, DNS Scan and TCP Port Scan.
- Convenient Report feature generate the report in HTML format.
- Redesigned UI to easy access all the features.
- Quick button to copy & paste the info to clipboard .

### Support Pocket PC 2002 and above

- Support Pocket PC 2002/2003/2003 SE; Windows Mobile 2005; Windows CE.NET 4.2; Windows CE.NET 5.0;

### MISC

- Support multiple network interface
- Auto refresh network status change
- Greatly improved scan performance and accuracy



## z2 PocketLAN

### Overview

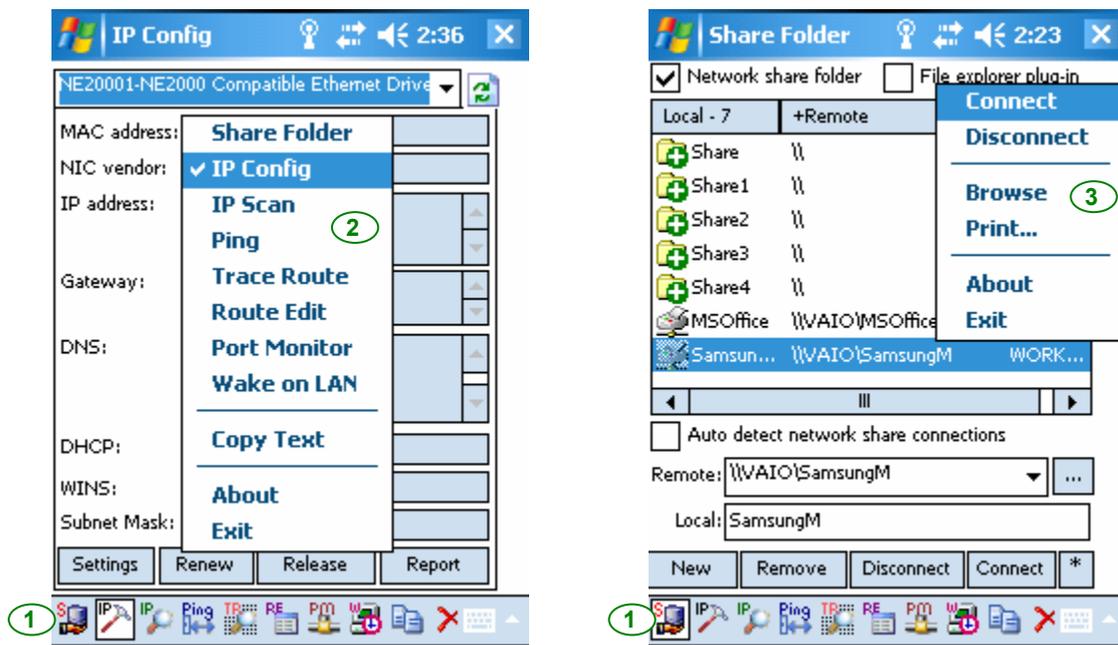


z2 PocketLAN is a comprehensive network utility for Windows Mobile Device

The minimum hardware requirement is 5M free memory and 2M free storage space.

### User Interface

#### Toolbars & Pop Menus



#### 1 Toolbars

- Show Share Folder Dialog
- Show IP Config Dialog
- Show Scan IP Dialog
- Show Ping Dialog
- Show Trace Route Dialog
- Show Route Edit Dialog
- Show Port Monitor Dialog
- Show Wake on LAN Dialog
- Copy selected or focused text to clipboard
- Exit



## 2 Main Popup Menu

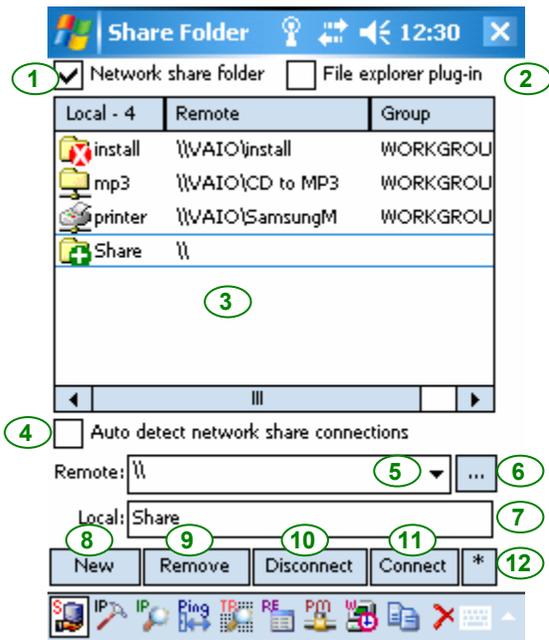
Tap & hold on the spare place on any dialog to show Main Popup Menu

## 3 Share Folder Popup Menu

Tap & hold on the selected share map to show Share Folder Popup Menu

Click "Print..." on the menu to show Print Plain Text Dialog for shared network printer

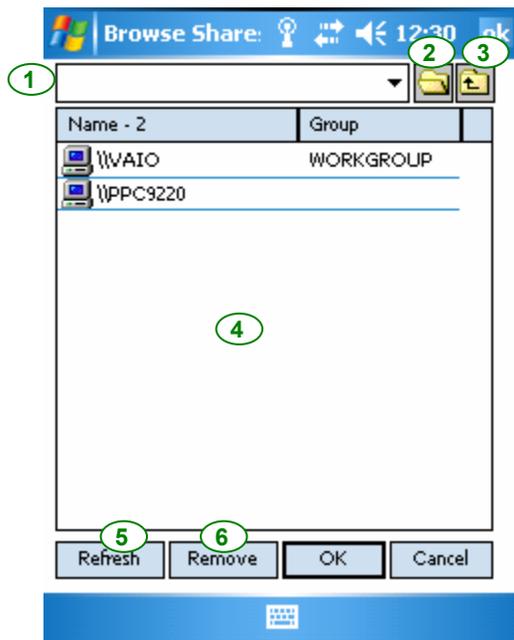
### Share Folder Dialog



- 1 Enable/Disable network share folder (Soft-reset required).
- 2 Enable/Disable file explorer plug-in.
- 3 List of added network share resource.
- 4 Enable/Disable Auto detect network share connections.
- 5 Remote Path
- 6 Show Browse Network Dialog
- 7 Local map name
- 8 Create a local map of network share
- 9 Remove a local map of network share
- 10 Disconnect the network share
- 11 Connect the network share
- 12 Show Advanced Connection Dialog



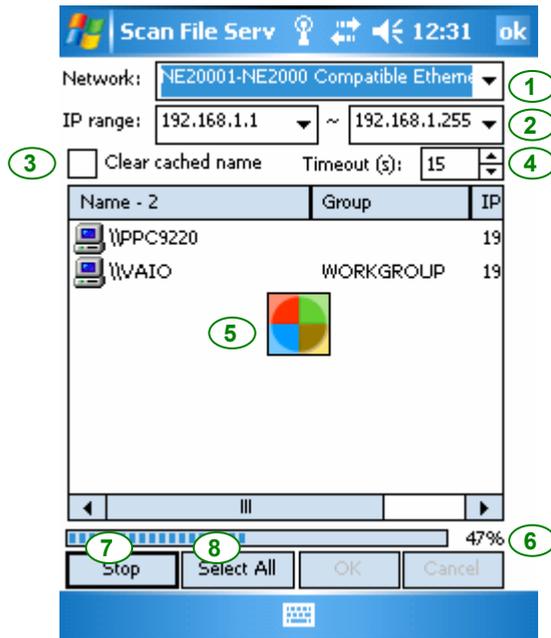
## Browse Share Dialog



- ① Drop down list for path of network resource.
- ② Open the network resource
- ③ Go to upper level
- ④ List of saved network resources
- ⑤ Refresh the list by Scan File Server Dialog
- ⑥ Remove the selected network resource



## Scan File Server Dialog



- ① List of network interface card (NIC)
- ② Specify the IP range to scan
- ③ Clear the cached name before adding the selected file servers.
- ④ Timeout for scanning per IP address
- ⑤ List of found file servers
- ⑥ Display the scanning progress
- ⑦ Start/Stop the file server scan
- ⑧ Select all found file servers in the list



## Advanced Connect Dialog

The screenshot shows the 'Advanced Connect Dialog' window. The title bar reads 'Advanced Con' and includes system icons for help, network, volume, and a clock showing 12:27. The dialog is divided into several sections:

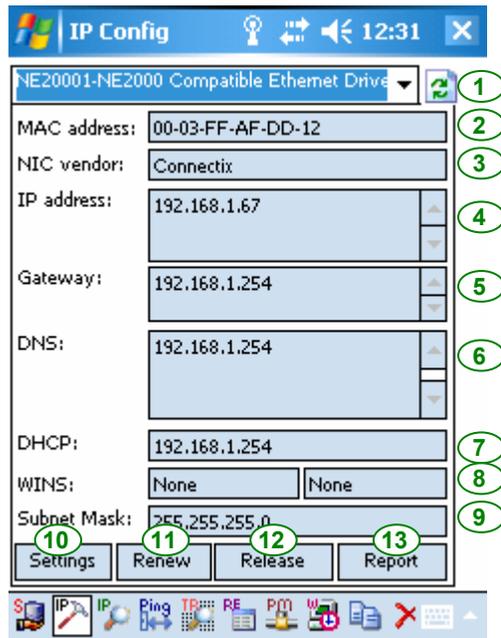
- Connect to:** A 'Name' field contains 'mp3' and '\\WAIO\CD to MP3' (callout 1). A 'Group' field contains 'WORKGROUP' (callout 2).
- Close existing connections:** A checkbox labeled 'Close existing connections for changing user' is unchecked (callout 3).
- Wait for SMB sessions close in seconds:** A text field contains '60' (callout 4).
- Change user name & password:** A 'User' field contains 'home' (callout 5). A 'Password' field is empty (callout 6).
- Domain settings:** A 'Default domain' field is empty (callout 7). A 'Primary controller' field is empty (callout 8).
- Accept clear text password:** A checkbox is unchecked (callout 9).
- Network share type:** Two radio buttons are present: 'Network folder' (selected, callout 10) and 'Network printer' (callout 11).

At the bottom are 'OK' and 'Cancel' buttons, and a keyboard icon.

- ① The name of local map and network path.
- ② Display group name. It can be updated by click the "Group:" button
- ③ Close the existing connections for changing user
- ④ Wait specified time for SMB session close for changing user.
- ⑤ User name
- ⑥ Password
- ⑦ Default domain (require soft-reset after changed).
- ⑧ Primary domain controller (require soft-reset after changed).
- ⑨ Allow to accept clear text password (require soft-reset after changed).
- ⑩ Specify the type of network share is network folder
- ⑪ Specify the type of network share is network printer



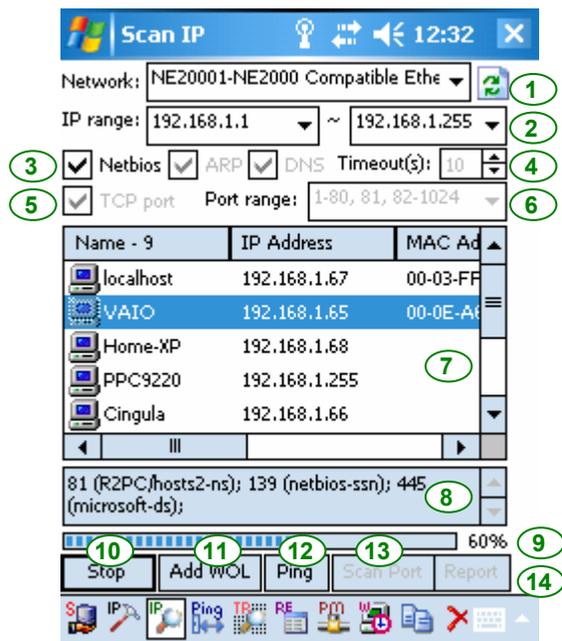
## IP Config Dialog



- ① List of network interface card (NIC). Click ② button will rescan the network interface
- ② MAC address of network interface card (NIC)
- ③ The vendor of network interface card by MAC address reverse look up
- ④ IP address
- ⑤ Gateway list
- ⑥ DNS list
- ⑦ DHCP Server IP address
- ⑧ WINS server IP address
- ⑨ Subnet mask
- ⑩ Show the system network settings
- ⑪ Renew the IP address
- ⑫ Release the IP address
- ⑬ Report the IP configurations in HTML



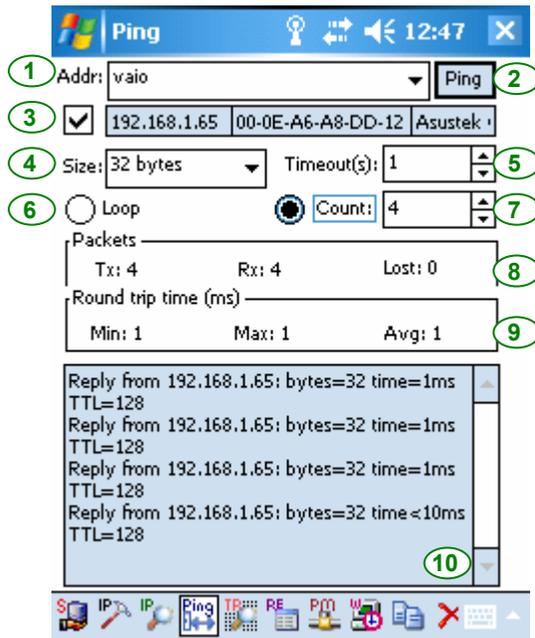
## IP Scan Dialog



- ① List of network interface card (NIC). Click button will rescan the network interface
- ② Specify the IP range to scan
- ③ Enable/Disable the scan with NetBIOS, ARP and DNS query.
- ④ Timeout for scanning per IP address
- ⑤ Enable/Disable TCP port scan
- ⑥ The TCP port range to scan. For instance "1-80, 81, 82-1024"
- ⑦ List the scan result
- ⑧ Show the opened TCP port for the selected item
- ⑨ Show the progress of the scan
- ⑩ Start/Stop the scan
- ⑪ Add the selected item to the Wake on LAN list (MAC address required)
- ⑫ Ping the selected item
- ⑬ Start/Stop the TCP port scan for the selected items
- ⑭ Report all the scan result in HTML



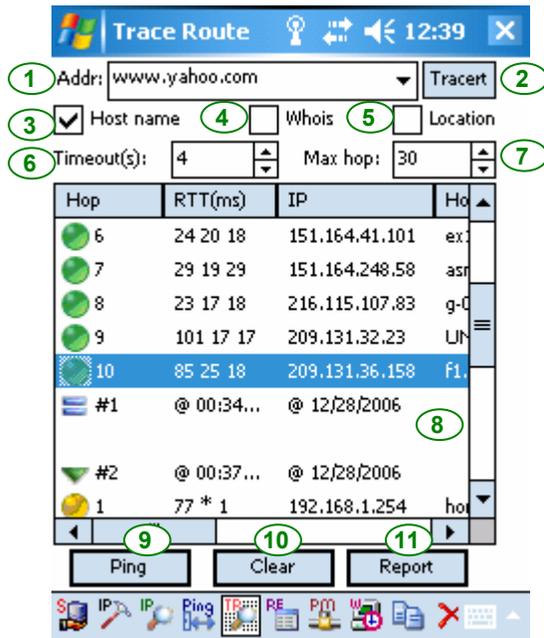
## Ping Dialog



- ① The address to ping
- ② Start/Stop the ping
- ③ Enable/Disable display hostname, MAC address and NIC vendor
- ④ Size of ICMP packet
- ⑤ Timeout in seconds
- ⑥ continue the ping without stop
- ⑦ Specify the times of the ping
- ⑧ The count of transferred, received and lost packets
- ⑨ The round trip time info
- ⑩ Display the ping results



## Trace Route Dialog



- 1 The address to trace
- 2 Start/Stop the route trace
- 3 Resolve the host name
- 4 Query Whois info
- 5 Query IP location
- 6 Timeout in seconds
- 7 Max hop
- 8 Show the results of the trace route
  - ▼ Trace route started with round #
  - RTT average <= 100 ms
  - RTT average <= 300 ms
  - RTT average > 300 ms
  - RTT timeout or error
  - Trace route ended with round #
- 9 Ping the selected item
- 10 Clear the trace route result
- 11 Report the trace route result in HTML



## Route Edit Dialog

Route Edit 12:39

Network Dest: 0.0.0.0

Netmask: 0.0.0.0

Gateway: 192.168.1.254

Use default interface index and metric

Interface Index: 0x7000 Metric: 30

Network Dest - 7	Netmask	Gateway
0.0.0.0	0.0.0.0	192.168.1.254
127.0.0.0	255.0.0.0	127.0.0.1
192.168.1.0	255.255.255.0	192.168.1.254
192.168.1.255	255.255.255.255	192.168.1.254
192.168.1.67	255.255.255.255	127.0.0.1
224.0.0.0	240.0.0.0	192.168.1.254
255.255.255.255	255.255.255.255	192.168.1.254

Refresh Remove Change Add Report

- 1 Network Destination
- 2 Netmask
- 3 Gateway
- 4 Use default interface index and metric
- 5 Interface Index
- 6 Interface Metric
- 7 Route table
- 8 Refresh the route table
- 9 Remove the selected route
- 10 Change the selected route
- 11 Add a new route
- 12 Report the route table in HTML



## Port Monitor Dialog

Protocol - 5	Local Addr...	Local Port
TCP	192.168.1.67	1029 (ms-lsa)
UDP		2948 (wap-push)
UDP		1034 (activesync-not)
UDP	①	138 (netbios-dgm)
UDP		137 (netbios-ns)

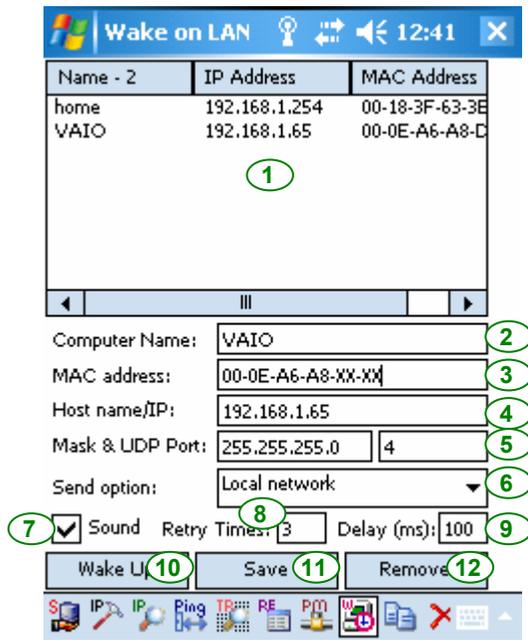
②  Refresh every (second): ③ 30

④ Refresh ⑤ Disconnect ⑥ Report

- ① List of the TCP/UDP port activity of current system
- ② Enable/Disable auto refresh
- ③ Specify the auto refresh timer in seconds
- ④ Refresh the port activity
- ⑤ Disconnect the current selected connected TCP port
- ⑥ Report the port activity in HTML



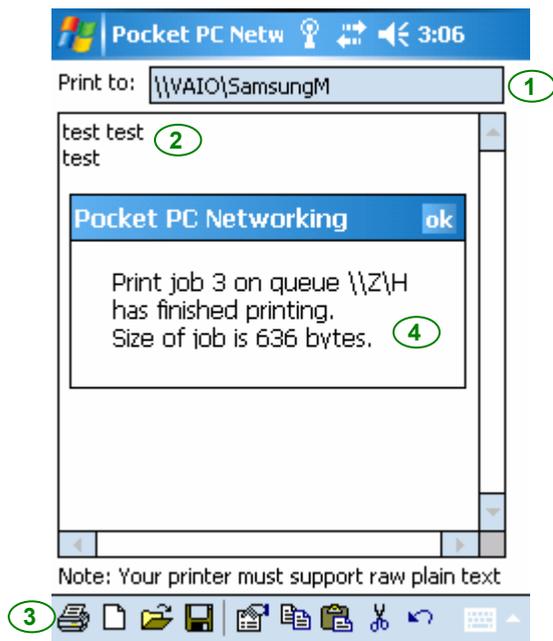
## Wake on LAN Dialog



- ① List of the computers for Wake on LAN
- ② Computer name
- ③ MAC address
- ④ The host name/IP address
- ⑤ subnet mask and the UDP port for sending out the wake on LAN packet
- ⑥ Select send option through local network or Internet
- ⑦ Play sound after send
- ⑧ The times for sending retry
- ⑨ Time delay in ms between the retry send
- ⑩ Send out the wake on LAN packet
- ⑪ Save the changes of selected item
- ⑫ Remove the selected item from Wake on LAN list



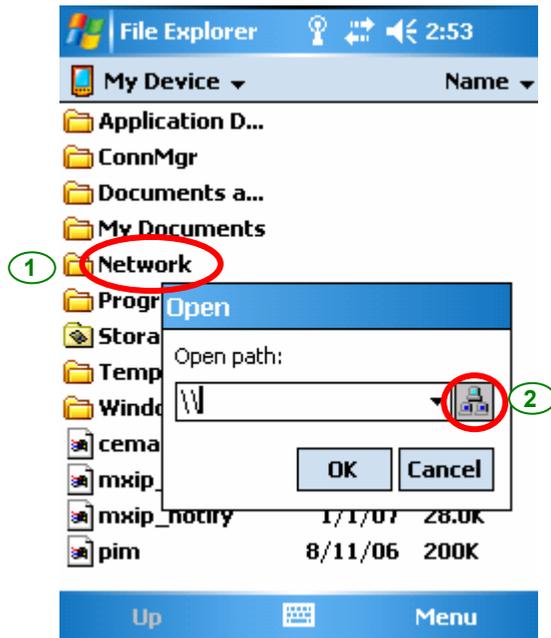
## Print Text Dialog



- ① The network printer path to print to
- ② Edit box for the text to print
- ③ Click  to send the text to the printer
- ④ Wait until the print success of error dialog showing up before closing the print dialog



## The “Network” folder and Pocket File Explorer Plug-in



- ① “Network” folder in File Explorer (Enabled in Share Folder Dialog)
- ② Pocket File Explorer plug-in button (Enabled in Share Folder Dialog)



## About z2 PocketLAN Dialog



- 1 Show the version and build number of z2 PocketLAN
- 2 Show the trial info if the trial version is installed
- 3 Show the system Remove Program applet to uninstall z2 PocketLAN