

Topics for PING

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General Help for PING

Important: Help is available at all times. To access help from any dialog or field, simply press F1. Help for push buttons can be obtained by highlighting a button and pressing F1.

To exit the PING, select the Close option on the System menu.

What is PING?

PING (WPING.EXE) is a WINDOWS version of the host availability query program, PING.EXE for use in conjunction with the Tcp/Ip kernel that is used as a troubleshooting tool for tracking problems in a Tcp/Ip based network.

Since the principles of operation found in the DOS PING program equally apply to this WINDOWS version, only the differences are described here. A description of PING can be found in the Tcp/Ip manual and the documentation update file, KERNEL.UPD.

WPING can be executed for manual operation by not specifying a command line or can be executed automatically by specifying a command line.

Manual Execution

To initiate a manual ping operation it is necessary to:

1. Execute WPING without a command line
2. Process the hostname dialog
3. Select the Start menu item

Automatic Execution

To initiate an automatic ping operation the program should be executed as follows:

WPING hostname

where:

hostname is the name of the Tcp/Ip host to be queried.

Once a ping operation has been started, the program window will display status text and statistics indicating progress.

Primary Action Bar Menus

Use the File Menu to:

1. exit PING

Use the Ping Menu to:

1. start PING
2. stop PING
3. restart PING

Use the Settings Menu to:

1. select a host

2. select a send interval time period
3. set ping packet data length

Use the Help Menu to:

1. learn about using the Help system
2. access this Help panel
3. learn about key functions within this program
4. access the Help index

Help for File Menu

Use the File Menu to:

1. Exit PING

Exit

Exit

Select this menu item to exit PING.

Help for Ping Menu

Use the Ping menu to:

1. Start a PING operation
2. Stop a PING operation
3. Restart a PING operation

Start

Stop

Restart

Start

Select this menu item to start a PING operation. This menu item is only enabled when a hostname has been selected.

Stop

Select this menu item to stop a PING operation. This menu item is only enabled when a PING operation has been started.

Restart

Select this menu item to restart a PING operation. This menu item is only enabled when a PING operation has been started. All displayed statistics are reset to zero.

Help for Settings Menu

Use the Settings Menu to:

1. Display the hostname dialog
2. Display the options dialog

Hostname

Options

Hostname

Select this menu item to display a dialog to:

1. Specify or select a host to PING

Help for Hostname

Host
Hosts

Host

Enter the name of the host to be queried.

If the host name is available as an entry in the hosts list, it may be selected from there.

Hosts

Select the name of the host to be queried from this list.

The hosts list is built from the entries in the HOSTS database file. When an entry is selected, the host field of this dialog will be updated with the selected entry name.

Options

Select this menu item to display a dialog to:

1. Select a send data time interval.
2. Specify the data length for packets to be sent.

Send interval

Data length

Help for Options

Send interval

Data length

Send Interval

Specify the time interval between datagram packet transmissions.

This field is allowed a value of between 1 and 255 seconds and should exceed the packet roundtrip time.

Data Length

Specify the number of data bytes to be included in transmitted datagram packets.

This field is allowed a value of between 8 and 1024 bytes.

Keys Help

For more information, select:

[Action bar keys](#)

[Menu keys](#)

[Dialog keys](#)

[System keys](#)

Action Bar Keys

Use these keys to select the System icon and action bar items,

F10

Switches between the action bar and the editing area.

Shift-Esc

Switches between the System icon and the editing area.

Right

Highlights the next action bar item or the System icon.

Left

Highlights the previous action bar item or the System icon.

Enter

Accesses the pull-down of the highlighted action bar item or System icon.

Mnemonic

The mnemonic key is the key corresponding to the underlined letter in the action bar items. It accesses the pull-down of the action bar item containing the mnemonic.

Escape

Cancels the pull-down of the highlighted action bar item or System icon.

Menu Keys

Use these keys to select pull-down items.

Up

Moves up one pull-down item.

Down

Moves down one pull-down item.

Enter

Selects the highlighted pull-down item.

Mnemonic

The mnemonic key is the key corresponding to the underlined letter in the pull-down items. It selects the pull-down item containing the mnemonic.

Escape

Closes the pull-down.

Dialog Keys

Use these keys to select dialog box items.

Tab

Moves to the next control group on the dialog.

Shift+Tab

Moves to the previous control group on the dialog.

Right

Moves to the next button on the dialog.

Left

Moves to the previous button on the dialog.

Up

Moves up one item in a selection box.

Down

Moves down one item in a selection box.

Page Up

Scrolls up one page in a selection box with scroll bars.

Page Down

Scrolls down one page in a selection box with scroll bars.

Spacebar

Changes a checkbox from on to off or off to on.

Enter

Starts the activity for the selected pushbutton.

Escape

Exits the dialog.

System Keys

Use these keys to switch between, move and size Presentation Manager windows.

Alt+Tab

Switches to the next Presentation Manager window.

Alt+Shift+Tab

Switches to the previous Presentation Manager window.

Alt+Esc

Switches to the next application (including non-Presentation Manager applications).

Ctrl+Esc

Switches to the task list.

Alt+F4

Closes the active window.

Alt+F5

Restores the active window.

Alt+F7

Moves the active window.

Alt+F8

Sizes the active window.

Alt+F9

Minimizes the active window.

Alt+F10

Maximizes the active window.

OK

Select OK to accept all changes made to this dialog and continue.

CANCEL

Select CANCEL to discard all changes made to this dialog and continue. The original values for each field will be restored.

