

IBM Ethernet Quad PeerMaster Adapter Setup Help Contents

This file contains information on configuring the IBM Ethernet Quad PeerMaster Adapter. For more information select one of the topics listed below.

Basic Configuration

Advanced Configuration

VNET Slot Configuration

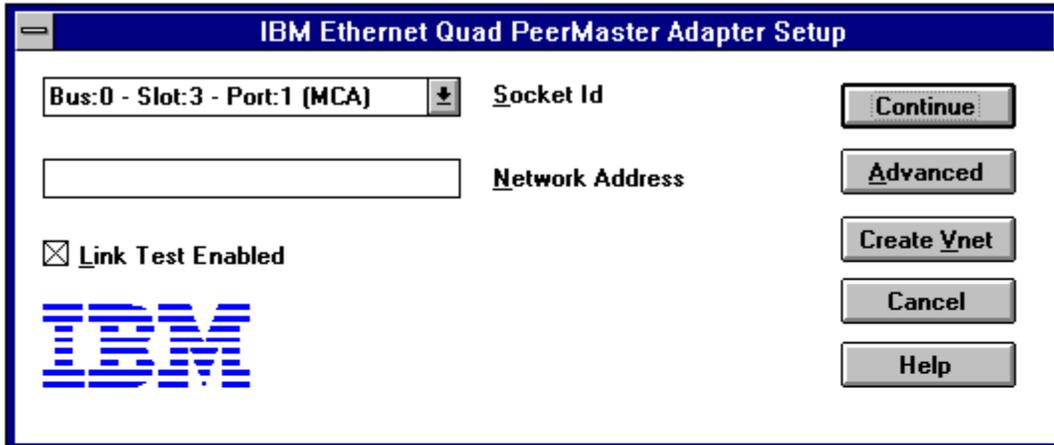
VNET Port Configuration

VNET Advanced Setup

VNET Advanced Slot Setup

IBM Ethernet Quad PeerMaster Adapter Setup Help

Use this dialog box to select the operating parameters for the IBM Quad PeerMaster adapter. For more information on the options available, either click on one of the fields in the dialog box displayed below or use the tab key to move to one of the fields and then press <enter>.



The dialog box is titled "IBM Ethernet Quad PeerMaster Adapter Setup". It features a blue header bar with the title. Below the header, there are several fields and controls:

- A dropdown menu showing "Bus:0 - Slot:3 - Port:1 (MCA)" with a downward arrow.
- A text field labeled "Socket Id".
- A text field labeled "Network Address".
- A checkbox labeled "Link Test Enabled" which is checked.
- The IBM logo in blue.
- A vertical stack of five buttons on the right side: "Continue", "Advanced", "Create Vnet", "Cancel", and "Help".

Link Test Enable

Select this option to enable 10BaseT link error detection. If this port is cabled to a hub that does not support 10BaseT link signals then clear this checkbox. The default is **enabled**.

Network Address

Use this edit box to select a [Locally Administered Network Address](#) to be used as the MAC address for this port. [Valid MAC addresses](#) are [twelve hex](#) digits long and with the [Locally Administered bit on](#) and the [Group bit off](#). If a locally administered address must be defined for this port then please contact your network administrator for an appropriate value. The default is the address contained in the [Adapter ROM](#). If no value is entered in this field then the default will be used.

Socket Id

Use this box to select the installation point for this driver. The **Socket Id** is formed by combining the attached **bus number**, the **slot** in which the IBM Quad PeerMaster adapter is installed, and the **port or connector** through which this driver will communicate with the network. On installation this box presents a list of all of the available sockets. During configuration, only the socket to which this driver is attached is available. The default is **the first (or only) option** presented in this box.

Help

Select the [Help](#) option to display this file.

Cancel

Select **Cancel** to exit the configuration process at any time. If Cancel is selected then all of the modifications made during this dialog session will be **discarded**.

Continue

Select **Continue** to terminate the current dialog session and **save all of the changes** made. Note that the new values will not take effect until the system has been **restarted**.

Full Memory Window Override

Use this edit box to select a value for the [Full Memory Window](#) used by this adapter to communicate with other adapters installed in the system.

Watch Dog Timer

Use this edit box to select a value for the [Watch Dog Timer](#) interval. Acceptable values are decimal digits in the range 0 to 255. Entering a value of 0 disables the timer. The default is 0.

IBM Ethernet Quad PeerMaster Adapter Advanced Setup Help

Use this dialog box to select the advanced operating parameters for the IBM Quad PeerMaster adapter. For more information on the options available, either click on one of the fields in the dialog box displayed below or use the tab key to move to one of the fields and then press <enter>.



The screenshot shows a dialog box titled "IBM Ethernet Quad PeerMaster Adapter Advanced Setup". It contains two configuration options:

- Full Memory Window Override:** A dropdown menu currently showing the value "255".
- Watch Dog Timer:** A text input field currently showing the value "0".

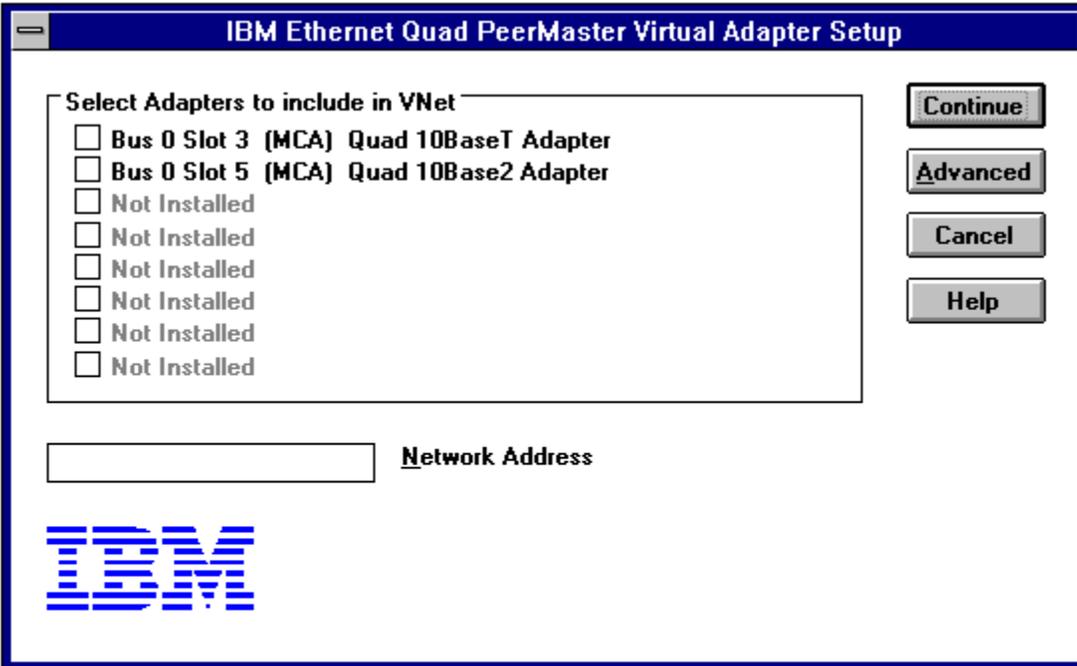
On the right side of the dialog box, there are three buttons: "Continue", "Cancel", and "Help". The IBM logo is displayed in the bottom left corner of the dialog box.

Advanced Options

Select this button to access the advanced options available for configuring the IBM Ethernet Quad PeerMaster Adapter.

IBM Ethernet Quad PeerMaster Adapter VNET Slot Configuration Setup Help

Use this dialog box to select the adapters to be included in the Virtual Network managed by the IBM Quad PeerMaster adapter. For more information on the options available, either click on one of the fields in the dialog box displayed below or use the tab key to move to one of the fields and then press <enter>.



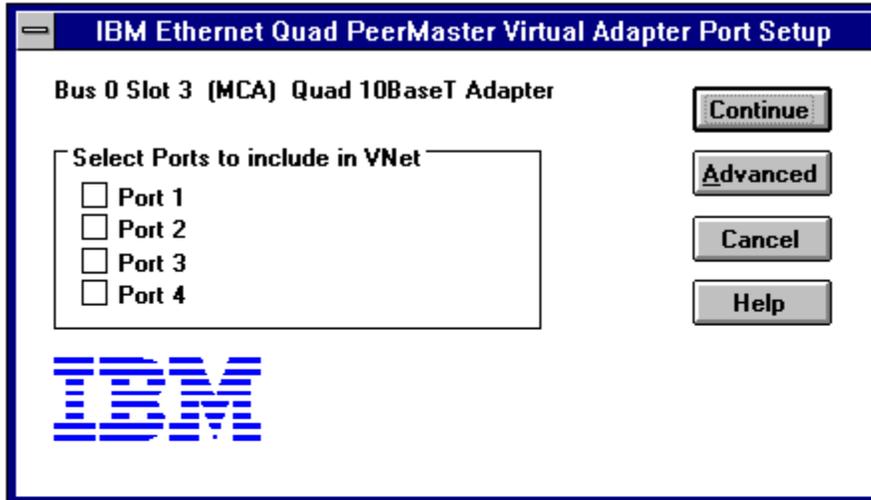
The screenshot shows a dialog box titled "IBM Ethernet Quad PeerMaster Virtual Adapter Setup". The dialog box has a blue title bar and a white background. It contains a list of adapters to be selected for inclusion in the VNet. The list is enclosed in a rectangular box and has the following items:

- Bus 0 Slot 3 (MCA) Quad 10BaseT Adapter
- Bus 0 Slot 5 (MCA) Quad 10Base2 Adapter
- Not Installed

To the right of the list are four buttons: "Continue", "Advanced", "Cancel", and "Help". Below the list is a text input field with the label "Network Address". At the bottom left of the dialog box is the IBM logo.

IBM Ethernet Quad PeerMaster Adapter VNET Port Configuration Setup Help

Use this dialog box to select the ports on this adapter to be included in the Virtual Network managed by the IBM Quad PeerMaster adapter. For more information on the options available, either click on one of the fields in the dialog box displayed below or use the tab key to move to one of the fields and then press <enter>.



Link Test Enable

Select this option to enable [10BaseT](#) link error detection for the ports included in the VNET. If this port is cabled to a hub that does not support [10BaseT](#) link signals then clear this checkbox. The default is **enabled**.

Adapter Type

This field identifies the adapter currently being configured.

Bridge Age Timer

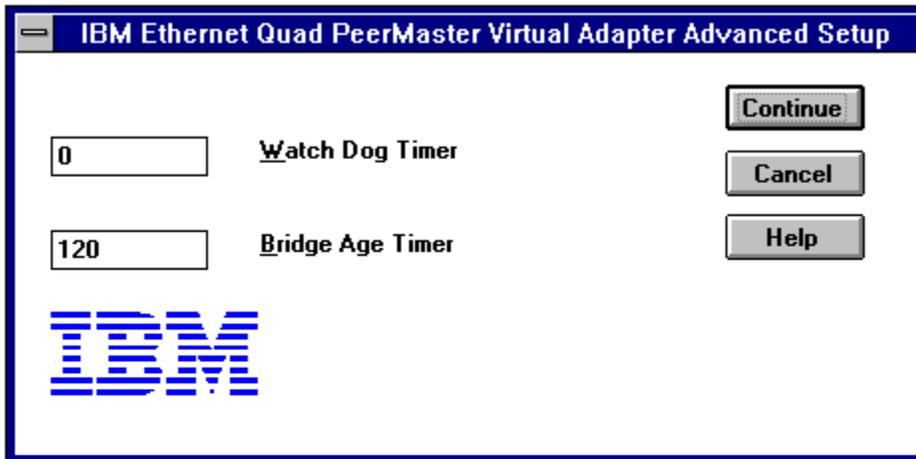
The setting of the Bridge Age Timer defines the interval at which inactive addresses are flushed from the address cache. The default is **120 seconds**.

Create VNET

Select this option to create a [Virtual Network](#).

IBM Ethernet Quad PeerMaster Adapter VNET Advanced Configuration Help

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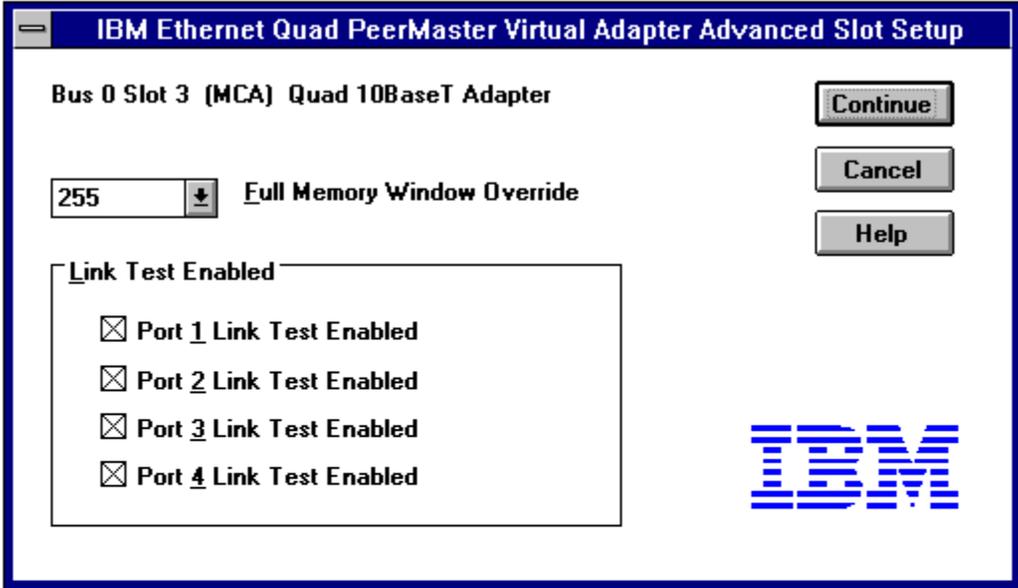


The screenshot shows a dialog box titled "IBM Ethernet Quad PeerMaster Virtual Adapter Advanced Setup". It contains two input fields for configuration parameters. The first field, labeled "Watch Dog Timer", contains the value "0". The second field, labeled "Bridge Age Timer", contains the value "120". To the right of the input fields are three buttons: "Continue", "Cancel", and "Help". At the bottom left of the dialog box is the IBM logo.

| Parameter | Value |
|------------------|-------|
| Watch Dog Timer | 0 |
| Bridge Age Timer | 120 |

IBM Ethernet Quad PeerMaster Adapter VNET Advanced Slot Configuration Help

Use this dialog box to select the advanced operating parameters for the IBM Quad PeerMaster adapter. For more information on the options available, either click on one of the fields in the dialog box displayed below or use the tab key to move to one of the fields and then press <enter>.



The screenshot shows a dialog box titled "IBM Ethernet Quad PeerMaster Virtual Adapter Advanced Slot Setup". The title bar is blue with white text. Below the title bar, the text "Bus 0 Slot 3 (MCA) Quad 10BaseT Adapter" is displayed. To the right of this text are three buttons: "Continue", "Cancel", and "Help". Below the adapter name, there is a text box containing the number "255" and a dropdown arrow, followed by the text "Full Memory Window Override". Below this is a section titled "Link Test Enabled" with a list of four checkboxes, all of which are checked: "Port 1 Link Test Enabled", "Port 2 Link Test Enabled", "Port 3 Link Test Enabled", and "Port 4 Link Test Enabled". In the bottom right corner of the dialog box, the IBM logo is displayed in blue.

IBM Ethernet Quad PeerMaster Virtual Adapter Advanced Slot Setup

Bus 0 Slot 3 (MCA) Quad 10BaseT Adapter

255 Full Memory Window Override

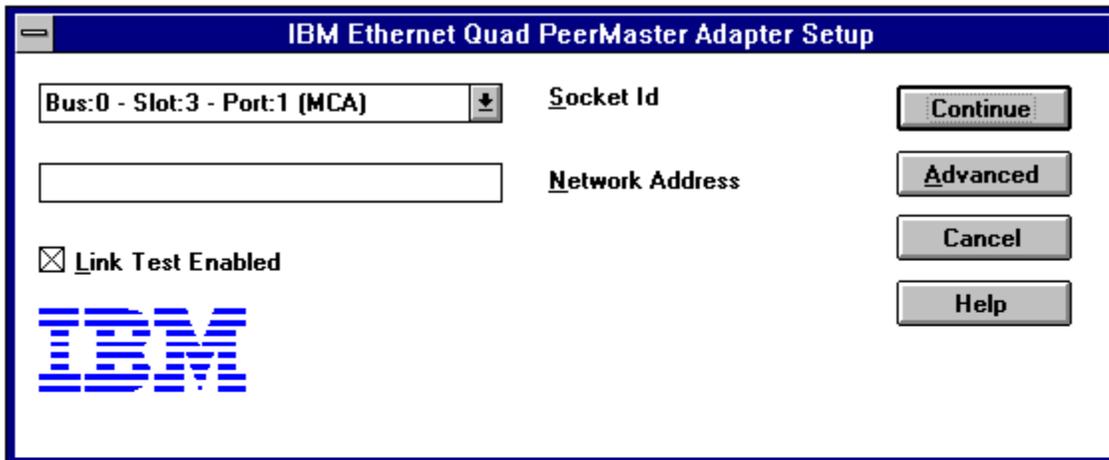
Link Test Enabled

- Port 1 Link Test Enabled
- Port 2 Link Test Enabled
- Port 3 Link Test Enabled
- Port 4 Link Test Enabled

IBM

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The screenshot shows a dialog box titled "IBM Ethernet Quad PeerMaster Adapter Setup". The dialog box has a blue title bar and a white background. It contains the following elements:

- A dropdown menu showing "Bus:0 - Slot:3 - Port:1 (MCA)" with a downward arrow.
- A text input field for "Socket Id".
- A text input field for "Network Address".
- A checkbox labeled "Link Test Enabled" which is checked.
- The IBM logo in blue.
- Four buttons on the right side: "Continue", "Advanced", "Cancel", and "Help".

Select Adapters to include in VNET

Select the Adapters to be included in the [Virtual Network](#). At least one slot must be selected. There is **no default**.

Select Ports to include in VNET

Select the Ports to be included in the [Virtual Network](#). At least one port must be selected. There is **no default**.

