Configuring Dial Circuits

NOTE
This is a basic configuration. Depending on the type of network, additional configuration steps may be required.

Configure the ISDN interface or V.25 bis interface that will be mapped to this circuit.

At the `Config>` prompt, add a dial circuit.
Syntax: **a dev**

Enter the circuit configuration process.
Syntax: **net** *dial-circuit-*

Map the dial circuit to an ISDN or V.25 bis
Syntax: **set net** *isdn-[or v25bis-] interface#*

Set address name of remote router. The name must match one of the or V.25 bis address names that you added.
Syntax: **set destination** *address-name*

Configure the dial circuit for inbound or outbound calls or both. For WAN-Restoral, set one end of the link for inbound calls only and set the other end of the link for outbound calls only.
Syntax: **set calls** *inbound or outbound or both*

Specify a timeout for the dial circuit. For WAN-Restoral or leased lines, set to zero. For dial-on-demand applications, set to a value other than zero.
Syntax: **set idle** *#-of-seconds*

Configure optional parameters described on the inside of this card and then configure any other protocols for your router by returning to the Config> prompt. If all protocols are configured, do the following:

1. Enter **exit** at the `Circuit Config>` prompt.
2. Press <**Ctrl/p**> to display the OPCON prompt (*).
3. Enter **restart** and respond **yes** to the prompt.

digital™

Part Number: AV-QU5VB-TE
Configuring Dial Circuits Quick Reference Card
Version 2.0
September 1996

Dial Circuit Configuration Commands

This section summarizes the dial circuit configuration commands. Enter these commands at the `Circuit Config>` prompt. Enter ? to list available command or their options.

delete

inbound destination

Removes the **inbound destination** and the **any_inbound** settings from the dial circuit configuration.

encapsulator

Displays the configuration prompt for the link-layer protocol (PPP or PSL) running on the dial circuit.

list

Displays the current dial circuit configuration.

set

net *#-of-ISDN-[or-V.25 bis]-interface*

Number of the ISDN or V.25 *bis* interface to which you want to map this circuit.

calls *outbound* or *inbound* or *both*

Sets up dial circuit to initiate outbound calls only, accept inbound calls only, or both initiate and accept calls. For WAN-Restoral, configure the dial circuit at one end of the link for inbound calls only, and configure the other end of the link for outbound calls only. Default is both.

destination *address-name*

Required for the dial circuit to operate. Specifies the network dial address of the remote router to which this dial circuit will connect.

inbound-destination *address-name*

Enter this address name if the dial circuit is set up for inbound calls or both inbound and outbound calls, and if the remote router's local address is different from the address this router would use to call that remote router.

any_inbound

Specifies that inbound calls that do not identify themselves be mapped to this circuit.

idle *#-of-seconds*

If there is no traffic over the circuit for this length of time, the dial circuit hangs up. For WAN-Restoral or dedicated (leased line) circuits, set to zero. Default is 60. Range is 0 to 65535.

selftest-delay *#-of-milliseconds*

Delays the time between establishing the call and sending the initial packet. Default is 150. Range is 0 to 65535.

send_line_id *yes* or *no*

Specifies whether propietary local ID messages are sent. Default is no.

exit

Returns to the `Config>` prompt.

Configuring the Router

Enter configuration commands at the `Config>` prompt. To display the `Config>` prompt, enter **talk 6** at the `*` prompt.

```
*talk 6
Gateway user configuration
Config>
```

If the `Config>` prompt does not appear, press **Return** again.

To return to the `*` prompt, press **Ctrl/P**.

Enter dial circuit configuration commands at the `Circuit Config>` prompt. To display this prompt:

1. Enter **list devices** at the `Config>` prompt to see a list of interface numbers configured on the router.
2. Enter **network** followed by the number of the dial circuit you want to configure. For example:

```
Config>network 4
Circuit configuration
Circuit Config>
```

Restarting the Router

When you are done configuring the router, restart it to activate the new configuration. Enter **restart** at the `*` prompt and respond **yes** to the following prompt:

```
Are you sure you want to restart the gateway? (Yes or No): yes
```

When the new configuration is finished initializing, the terminal displays the * prompt.

Monitoring the Router

Enter monitoring commands at the GWCON prompt (+). Display the + prompt as shown:

```
*talk 5

CGW Operator Console
+
```

To return to the `*` prompt, press **Ctrl/P**.

digital™