



PPP Callback Commands for DDR

This chapter describes the commands used for configuring PPP callback for DDR and ISDN.

For information about the configuration steps used to configure PPP callback, see the “Configure PPP Callback for DDR and ISDN” in the *Dial Solutions Configuration Guide*.

Many of the **dialer** commands used in this chapter are described in the DDR part of this manual.

See RFC 1570 for more information about PPP callback.

dialer callback-secure

To enable callback security, use the **dialer callback-secure** interface configuration command. Use the **no** form of this command to disable callback security.

dialer callback-secure
no dialer callback-secure

Syntax Description

This command has no arguments or keywords.

Default

Disabled

Command Mode

Interface configuration

Usage Guidelines

This command affects those users that are not authorized to be called back with the **dialer callback-server** command. If the username (*hostname* in the **dialer map** command) is not authorized for callback, the call will be disconnected if the **dialer callback-secure** command is configured. If the **dialer callback-secure** command is not configured, the call will not be disconnected. In either case, callback has not occurred.

Example

The following partial example configures BRI0 with the commands required to make it function as the callback server on the shared network. Callback security is enabled on BRI0, such that any user other than atlanta will be disconnected and not called back.

```
interface BRI0
  ip address 171.1.1.9 255.255.255.0
  encapsulation ppp
  dialer callback-secure
  dialer enable-timeout 2
  dialer map ip 171.1.1.8 name atlanta class dial1 81012345678901
  dialer-group 1
  ppp callback accept
  ppp authentication chap
  !
map-class dialer dial1
  dialer callback-server username
```

Related Commands

You can use the master indexes or search online to find documentation of related commands.

dialer callback-server
dialer map
map-class
ppp callback accept

dialer callback-server

To enable an interface to make return calls when callback is successfully negotiated, use the **dialer callback-server** interface configuration command. Use the **no** form of this command to disable return calls.

```
dialer callback-server [username dialstring]  
no dialer callback-server
```

Syntax Description

username	(Optional) Identifies the return call by looking up the authenticated host name in a dialer map command. This is the default.
dialstring	(Optional) Identifies the return call during callback negotiation.

Default

Disabled. The default keyword is **username**.

Command Mode

Interface configuration

Example

The following partial example configures BRI 0 to function as the callback server on the shared network.

```
interface BRI0  
  ip address 171.1.1.9 255.255.255.0  
  encapsulation ppp  
  dialer callback-secure  
  dialer enable-timeout 2  
  dialer map ip 171.1.1.8 name atlanta class dial1 81012345678901  
  dialer-group 1  
  ppp callback accept  
  ppp authentication chap  
!  
map-class dialer dial1  
  dialer callback-server username
```

Related Commands

You can use the master indexes or search online to find documentation of related commands.

```
dialer callback-secure  
dialer enable-timeout  
dialer hold-queue  
dialer map  
map-class  
ppp callback
```

map-class dialer

To define a class of shared configuration parameters for PPP callback, use the **map-class dialer** global configuration command.

map-class dialer *classname*

Syntax Description

classname Unique class identifier.

Default

Disabled; no class name is provided.

Command Mode

Global configuration

Usage Guidelines

The *classname* in the **map-class dialer** command used to specify the class for PPP callback must be the same as the *classname* used in the **dialer map** command.

This command is used on the PPP callback server, not on the callback client.

Example

The following partial example configures BRI 0 to function as the callback server on the shared network. The callback server requires an enable timeout and a map class to be defined.

```
interface BRI0
 ip address 7.1.1.7 255.255.255.0
 encapsulation ppp
 dialer callback-secure
 dialer enable-timeout 2
 dialer map ip 7.1.1.8 name atlanta class dial1 81012345678901
 dialer-group 1
 ppp callback accept
 ppp authentication chap
 !
 map-class dialer dial1
 dialer callback-server username
```

Related Commands

You can use the master indexes or search online to find documentation of related commands.

dialer map

ppp callback

To enable a dialer interface that is not a data terminal ready (DTR) interface to function either as a callback client that requests callback or as a callback server that accepts callback requests, use the **ppp callback** interface configuration command.

```
ppp callback {accept | request}
```

Syntax Description

accept	Enables this dialer interface to accept PPP callback requests (and function as the PPP callback server).
request	Enables this dialer interface to request PPP callback (and function as the PPP callback client).

Default

Callback requests are neither accepted nor requested.

Command Mode

Interface configuration

Usage Guidelines

This command first appeared in Cisco IOS Release 11.1.

An interface can request PPP callback only if the interface is configured for PPP authentication with Challenge Handshake Authentication Protocol (CHAP) or Password Authentication Protocol (PAP).

Example

The following example configures a previously defined dialer interface to accept PPP callback requests:

```
ppp callback accept
```

Related Commands

You can use the master indexes or search online to find documentation of related commands.

dialer callback-secure
map-class dialer

