



# ISDN Caller ID Callback Commands

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This chapter describes the commands needed to configure ISDN caller ID callback.

ISDN caller ID callback allows the initial incoming call from the client to the server to be rejected based on the caller ID message contained in the ISDN setup message, and it allows the server to initiate a callback to the calling client.

For callback configuration tasks and examples, refer to the “Configuring ISDN Caller ID Callback” chapter in the *Dial Solutions Configuration Guide*.

## dialer caller

To configure caller ID screening for a dialer rotary group interface or to bind an incoming call to a particular dialer profile, and, optionally, to enable ISDN caller ID callback, use the **dialer caller** interface configuration command. To disable this feature, use the **no** form of this command.

**dialer caller** *number* [**callback**]  
**no dialer caller** *number* [**callback**]

### Syntax Description

<i>number</i>	Remote telephone number for which to screen. Use a lowercase letter x to represent a single “don’t care” digit. The maximum length of each number is 25 characters.
<b>callback</b>	(Optional) Enables callback.

### Default

Disabled

### Command Mode

Interface configuration

### Usage Guidelines

This command first appeared in Cisco IOS Release 11.2.

This command configures the Cisco IOS software to accept calls from the specified number or, used with the **callback** keyword, to reject incoming calls from the specified number but to initiate callback to the number. This command also helps bind a dialer profile to—and thus configure—the interface used for a call.

When the optional **callback** keyword is used, the initial call is rejected (hence, not subject to tolls) and callback is initiated to the calling number.

When x’s are used in the callback number, dialer caller screening is based on a best match system that uses the number of x’s as a criterion. To make callback calls only to specified numbers or ranges of numbers but to accept any other incoming calls, make sure that the number of x’s in any configuration line that uses the **callback** keyword is less than the number of x’s in any configuration line that does not use the keyword.

For example, if you use at most four Xs in the configuration lines with the **callback** keyword, then to accept calls from other numbers use at least five Xs in a configuration line that does not use the **callback** keyword.

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**Note** Caller ID screening requires a local switch that is capable of delivering the caller ID to the router or access server. If you enable caller ID screening but do not have such a switch, no calls will be allowed in.

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For dialer profiles, this command helps bind a dialer profile to—and thus configure—the interface used for a call. The dialer command acts as a binding command by associating an incoming call with a specified dialer profile if the caller ID presented by the call matches the dialer caller value.

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**Note** Incoming calls also can be bound to a dialer profile based on PPP name authentication, so in this instance the incoming calls can be bound to the dialer profile even if the presented caller ID does not match the dialer caller value. To configure caller ID screening with dialer profiles, use the **isdn caller** command.

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## Example

In the following example, callback calls will be made only to numbers in the 555 and 556 exchanges, but any other number can call in:

```
dialer caller 408555xxxx callback
dialer caller 408556xxxx callback
dialer caller xxxxxx
```

## Related Commands

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

**isdn caller**

**show dialer**

## isdn caller

To configure ISDN caller ID screening and optionally to enable ISDN caller ID callback for legacy DDR, use the **isdn caller** interface configuration command. To disable this feature, use the **no** form of this command.

```
isdn caller phone-number [callback]  
no isdn caller phone-number [callback]
```

### Syntax Description

<i>phone-number</i>	Remote telephone number for which to screen. Use a letter X to represent a single “don’t care” digit. The maximum length of each number is 25 characters.
<b>callback</b>	(Optional) Enables callback.

### Default

Disabled

### Command Mode

Interface configuration

### Usage Guidelines

This command first appeared in Cisco IOS Release 10.0.

This command configures the router to accept calls from the specified number.

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**Note** Caller ID screening requires a local switch that is capable of delivering the caller ID to the router. If you enable caller ID screening but do not have such a switch, no calls are allowed in.

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When the optional **callback** keyword is used and a call is received from one of the callback numbers, the initial call is rejected (hence, not subject to tolls) and a callback is initiated to that calling number.

When Xs are used in the callback number, dialer caller screening is based on a best match system that uses the *number* of Xs as a criterion. To make callback calls only to specified numbers or ranges of numbers but to accept any other incoming calls, make sure that the number of Xs in any configuration line that uses the **callback** keyword is less than the number of Xs in any configuration line that does not use the keyword.

For example, if you use at most four Xs in the configuration lines with the **callback** keyword, then to accept calls from other numbers use at least five Xs in a configuration line that does not use the keyword.

## Example

In the following example, callback calls will be made only to numbers in the 555 and 556 exchanges, but any other number can call in:

```
isdn caller 408555xxxx callback
isdn caller 408556xxxx callback
isdn caller xxxxxx
```

## Related Commands

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

**show dialer**

