



Cisco IOS Voice Commands: K

This chapter contains commands to configure and maintain Cisco IOS voice applications. The commands are presented in alphabetical order. Some commands required for configuring voice may be found in other Cisco IOS command references. Use the command reference master index or search online to find these commands.

For detailed information on how to configure these applications and features, refer to the *Cisco IOS Voice Configuration Guide*.

keepalive (cm-fallback)

To configure the time interval between sending keepalive messages to the router used by the Cisco IP phones when Survivable Remote Site (SRS) Telephony is enabled, enter the **keepalive** command in call-manager-fallback configuration mode. To reset to the default, use the **no** form of this command.

keepalive *seconds*

no keepalive

Syntax Description	<i>seconds</i>	Interval time, in seconds. Range is from 10 to 65535 seconds. The default is 30.
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Defaults	30 seconds
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Command Modes	Call-manager-fallback configuration
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Command History	Release	Modification
	12.1(5)YD	This command was introduced on the following platforms: Cisco 2600 series, Cisco 3600 series, and Cisco IAD2420 series.
	12.2(2)XT	This command was implemented on the Cisco 1750 and Cisco 1751.
	12.2(8)T	This command was integrated into Cisco IOS Release 12.2(8)T and implemented on the Cisco 3725 and Cisco 3745.
	12.2(8)T1	This command was implemented on the Cisco 2600-XM and Cisco 2691.
	12.2(11)T	This command was implemented on the Cisco 1760.

Usage Guidelines	This command configures the time interval between successive sending of keepalive messages to the router used by the Cisco IP phones. If the router fails to receive three successive keepalive messages, it considers the phone to be out of service until the phone reregisters.
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Note

The **keepalive** command is applicable only after a phone has registered with a router that has the SRS Telephony enabled.

Examples	The following example sets the keepalive timeout to 60 seconds:
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```
Router(config)# call-manager-fallback
Router(config-cm-fallback)# keepalive 60
```

Related Commands	Command	Description
	call-manager-fallback	SRS Telephony feature support and enters call-manager-fallback configuration mode.

keepalive (telephony-service)

To configure the time interval between successive keepalive messages sent to the router used by the Cisco IP phones, use the **keepalive** command in telephony-service configuration mode. To reset to the default, use the **no** form of this command.

keepalive *seconds*

no keepalive *seconds*

Syntax Description	<i>seconds</i>	Interval time, in seconds. Range is from 10 to 65535. The default is 30.
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Defaults	30 seconds
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Command Modes	Telephony-service configuration
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Command History	Release	Modification
	12.1(5)YD	This command was introduced on the following platforms: Cisco 2600 series, Cisco 3600 series, and Cisco IAD2420 series.
	12.2(2)XT	This command was implemented on the Cisco 1750 and Cisco 1751.
	12.2(8)T	This command was integrated into Cisco IOS Release 12.2(8)T and implemented on the Cisco 3725 and Cisco 3745.
	12.2(8)T1	This command was implemented on the Cisco 2600-XM and Cisco 2691.
	12.2(11)T	This command was implemented on the Cisco 1760.

Usage Guidelines	This command configures the time interval between successive keepalive messages sent to the router used by the Cisco IP phone. If the router fails to receive three successive keepalive messages, it considers the phone to be out of service until the phone reregisters.
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Examples	The following example sets the keepalive timeout to 40 seconds:
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```
Router(config)# telephony-service
Router(config-telephony-service)# keepalive 40
```

Related Commands	Command	Description
	ephone	Enters ephone configuration mode.
	ephone-dn	Enters ephone-dn configuration mode.
	telephony-service	Enables Cisco IOS Telephony Service and enters telephony-service configuration mode.