



HTTP Client API for Tcl IVR

The HTTP Client API for Tcl IVR feature provides support for Tcl IVR applications to retrieve data from or post data to an HTTP server. Also introduced with this feature is a new command-line interface structure for configuring voice applications and support for additional Tcl 8.3.4 commands.

Finding Feature Information

Your software release may not support all the features documented in this module. For the latest feature information and caveats, see the release notes for your platform and software release. To find information about the features documented in this module, and to see a list of the releases in which each feature is supported, see the [“Feature Information for HTTP Client API for Tcl IVR”](#) section on page 4.

Use Cisco Feature Navigator to find information about platform support and Cisco IOS and Catalyst OS software image support. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.

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Prerequisites for HTTP Client API for Tcl IVR and New Cisco Voice Application Command-Line Interface Structure

- Familiarity with Tcl IVR, VoiceXML, and Cisco IOS commands.
- Required hardware:



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- Cisco 3600 series
- Cisco AS5300
- Cisco AS5350
- Cisco AS5400
- Cisco AS5800
- Cisco AS58550
- Required software:
 - Cisco IOS Release 12.3(14)T or later
 - Tcl 8.3.4
 - VoiceXML 2.0

Restrictions for HTTP Client API for Tcl IVR and New Cisco Voice Application Command-Line Interface Structure

If Cisco IOS configuration commands are used within the Tcl scripts, submode commands must be entered as quoted arguments on the same line as the configuration command.

Information About HTTP Client API for Tcl IVR and New Cisco Voice Application Command-Line Interface Structure

- [HTTP API for Tcl IVR 2.0, page 2](#)
- [Newly-Supported Tcl 8.3.4 Commands, page 2](#)
- [New Cisco Voice Application Command-Line Interface Structure, page 3](#)

HTTP API for Tcl IVR 2.0

An HTTP application programming interface to the IOS HTTP client is provided. The HTTP package is accessed using the **package require httpios 1.0** Tcl command. Additional commands are provided to configure HTTP. See the [Tcl IVR API Version 2.0 Programming Guide](#) for more information.

Newly-Supported Tcl 8.3.4 Commands

The following Tcl 8.3.4 commands are now supported:

- cd
- close
- eof
- fconfigure
- file

- fileevent
- flush
- glob
- namespace
- open
- package
- pwd
- read
- seek

The following command is modified:

- puts

See the [Tcl IVR API Version 2.0 Programming Guide](#) for more information.

New Cisco Voice Application Command-Line Interface Structure

The **call application voice** command structure for configuring Tcl and IVR applications has been restructured to provide easier configuration of application parameters than the earlier CLI structure.

For more information, see the “[Cisco IOS Release 12.3\(14\)T and Later Voice Application Command-Line Interface Structure Changes](#)” section in [Configuring Basic Functionality for Tcl IVR and VoiceXML Applications](#) in the *Cisco IOS Tcl IVR and VoiceXML Application Guide*.

Feature Information for HTTP Client API for Tcl IVR

Table 1 lists the release history for this feature.

Not all commands may be available in your Cisco IOS software release. For release information about a specific command, see the command reference documentation.

Use Cisco Feature Navigator to find information about platform support and software image support. Cisco Feature Navigator enables you to determine which Cisco IOS and Catalyst OS software images support a specific software release, feature set, or platform. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.



Note

Table 1 lists only the Cisco IOS software release that introduced support for a given feature in a given Cisco IOS software release train. Unless noted otherwise, subsequent releases of that Cisco IOS software release train also support that feature.

Table 1 Feature Information for HTTP Client API for Tcl IVR

Feature Name	Releases	Feature Information
HTTP Client API for Tcl IVR	12.3(14)T	This feature was introduced.

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