



Port Utilization Guide for Cisco CVP

Release 3.x

May 2006

Corporate Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
<http://www.cisco.com>
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 526-1400



THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR CISCO REPRESENTATIVE FOR A COPY.

The Cisco implementation of TCP header compression is an adaptation of a program developed by the University of California, Berkeley (UCB) as part of UCBTM's public domain version of the UNIX operating system. All rights reserved. Copyright © 1981, Regents of the University of California. NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. CISCO AND THE ABOVE-NAMED SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL CISCO OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF CISCO OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

CCSP, CCVP, the Cisco Square Bridge logo, Follow Me Browsing, and StackWise are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn, and iQuick Study are service marks of Cisco Systems, Inc.; and Access Registrar, Aironet, BPX, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, FormShare, GigaDrive, GigaStack, HomeLink, Internet Quotient, IOS, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, LightStream, Linksys, MeetingPlace, MGX, the Networkers logo, Networking Academy, Network Registrar, Packet, PIX, Post-Routing, Pre-Routing, ProConnect, RateMUX, ScriptShare, SlideCast, SMARTnet, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0601R)

Any Internet Protocol (IP) addresses used in this document are not intended to be actual addresses. Any examples, command display output, and figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses in illustrative content is unintentional and coincidental.

© 2006 Cisco Systems, Inc. All rights reserved.



Chapter 1

CVP Port Utilization

Port Utilization Table Column Definitions

The columns in the Port Utilization tables in this document describe the following:

- **Protocol.** A value representing a formal description of rules to follow and messages to be used by two or more systems to exchanging information. The protocol is also used to communicate with an application or service listening to or connecting to a remote device.
- **Port.** A numeric identifier the Internet transport protocol uses to distinguish among multiple, simultaneous connections to a single destination host.
- **Remote Source Port.** An identifier—usually dynamic—for the port the remote application or service uses to connect to the local destination port.
- **Destination Port.** An identifier for the TCP or UDP port that the local service or application is listening on, along with the IP address for incoming connection requests when acting as a server.
- **Source Port.** An identifier—usually dynamic—for the port the local application or service uses to connect to the remote device's destination port.
- **Remote Device Destination Port.** The identifier for the TCP or UDP port that the remote device's service or application is listening on, along with the IP address for incoming connection requests when acting as the server.
- **Remote Device.** The remote application or device making a connection to the server or service specified by the protocol.

Cisco Customer Voice Portal Port Utilization

Cisco Customer Voice Portal Port Utilization For Product Revisions: CVP 3.x

Cisco Customer Voice Portal Port Utilization

Table 1: Cisco Customer Voice Portal Port Utilization

Protocol	Remote Source Port	Destination Port	Source Port	Remote Device Destination Port	Remote Device	Notes
Telnet		TCP 23			Telnet Client	On by default (MCS)
VNC HTTP helper		TCP 580x				Remote Control
VNC Display		TCP 690x			Virtual Network Computer Display	Remote Control
Entercept HID Agent				TCP 5000	Host Intrusion Detection Console	
LDAP				TCP 8404	DCD Directory on CallManager	
SVCHOST		TCP 135		TCP 135		Windows Service Loader
NETBIOS-SSN		TCP 139		TCP139		NETBIOS Session Service
SMB		TCP 445		TCP 445		Microsoft CIFS
	TCP 1039		TCP 1039		Windows Task Scheduler	
RMI		TCP 1099		TCP 1099	RMI service	
H.323 RAS				TCP 1719	Gatekeeper RAS	CallManager prior to 3.3.(X) and Cisco Conference Connection"
H.323 RAS			TCP 1024–4999	TCP 1719	Gatekeeper RAS	CallManager 3.3
H.323 H.245		TCP 11000–11999			IOS H.323 Gateways	
HTTP		TCP 8000			VXML session Between the CVP Application server and the CVP Voice Browser	

Protocol	Remote Source Port	Destination Port	Source Port	Remote Device Destination Port	Remote Device	Notes
HTTP		TCP 8001			Browser	CVP Diagnostics
Apache Java Connector Protocol		TCP 8007			VXML session Between the CVP Application server and the CVP Voice Browser	Communication between Tomcat and Apache
HTTP		TCP 8080			VXML session between gateway Voice Browser and CVP VoiceXML Server	VXML over HTTP
HTTP		TCP 80			HTTP session between gateway Voice Browser and Media Server	Media and External VXML file fetching
MRCP		TCP 554			MRCP session between gateway Voice Browser and MRCP server	Signaling path. Media path uses RTP.
LDAP		TCP 8404			Local to CVP Call Control Server; Does not traverse LAN	
RTP	UDP 16384 – 32767			UDP16384–32767	Voice Media	
IPCC Enterprise VRU CTI (ICM/IVR message interface)		TCP 5000			Between CVP Application Sever and IPCC Enterprise/ICM VRU PG	Port number is configurable
CVP Alarm Forwarder		TCP 8163			Between the CVP Application server and the CVP Voice Browser	Proprietary protocol for receiving CVP Application server alarms
ICM Standalone Distributed Diagnostics Service Node (SDDSN)		TCP 40080			Between the CVP Application server and the CVP Voice Browser	Proprietary protocol for sending CVP alarms to SDDSN

