



## IPM Command Reference

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This appendix provides a list of the IPM commands. [Table B-1](#) shows the format of the commands and a description of the actions they perform.

If you Telnet into a remote workstation and you do *not* set the DISPLAY variable to local display, you cannot use this command. See the [“Setting the DISPLAY Variable in Solaris” section on page 4-48](#) for details.

Some IPM commands can be run only by the root user while the others can be run by the root user and also by members of the casusers group.

**Table B-1** IPM Commands

Command	Description
<b>ipm</b>	Starts all IPM servers and one IPM client on the local host. If you Telnet into a remote workstation and you do <i>not</i> set the DISPLAY variable to local display, you cannot use this command. See the <a href="#">“Setting the DISPLAY Variable in Solaris” section on page 4-48</a> for details. You can use this command only if you have administrative privileges.
<b>ipm addsrc</b>	Adds a source router to the IPM database using command line prompts. You can use this command if you are a member of the casusers group.
<b>ipm addtarg</b>	Adds a target device to the IPM database using command line prompts. You can use this command if you are a member of the casusers group.

Command	Description
<b>ipm baseline</b> <i>percentage</i>	<p>Modifies the baseline, increasing the latency threshold for all Running statistical collectors on the local host by <i>percentage</i>. The valid range for <i>percentage</i> is 1 to 999. See <a href="#">“Setting the Baseline” section on page 3-50</a> for more details.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm browserpath</b>	<p>(Solaris only) Sets a user-defined IPM Web browser path, and verifies that the browser specified by the user exists.</p> <p>(Windows NT only) Resets the IPM Web browser path to the Netscape Navigator path. If Netscape Navigator is not found, resets to the Internet Explorer path. If neither is found, clears the IPM Web browser path.</p> <p>You can use this command only if you have administrative privileges.</p>
<b>ipm clientaddr</b>	<p>If the workstation on which an IPM client is running has multiple IP addresses, forces the IPM client to bind to a specific IP address.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm console</b>	<p>Displays the contents of the ipmConsoleLog.log file.</p> <p>You can use this command if you are a member of the casusers group.</p>

Command	Description
<b>ipm control</b> <i>servername</i> <i>options</i>	<p>Starts and stops a collector, where <i>servername</i> is the name of the IPM server and <i>options</i> include the following:</p> <ul style="list-style-type: none"> <li>• <b>-rt</b> <i>collName srcName</i>—Starts a real time chart for the collector named <i>collName</i> on the source router named <i>srcName</i>.</li> </ul> <p>If you Telnet into a remote workstation and you do <i>not</i> set the DISPLAY variable to local display, you cannot use this command. See the <a href="#">“Setting the DISPLAY Variable in Solaris” section on page 4-48</a> for details.</p> <ul style="list-style-type: none"> <li>• <b>-start</b> <i>collName srcName duration</i> –Starts the On Demand collector named <i>collName</i> on the source router named <i>srcName</i>, for a number of hours specified by <i>duration</i>.</li> <li>• <b>-start</b> <i>collName srcName duration -rt</i> –Starts the On Demand collector named <i>collName</i> on the source router named <i>srcName</i>, for a number of hours specified by <i>duration</i>, and starts a real time chart for the collector.</li> <li>• <b>-stop</b> <i>collName srcName</i> –Cancels the running collector named <i>collName</i> on the source router named <i>srcName</i>.</li> </ul> <p>You can use this command only if you have administrative privileges.</p>
<b>ipm cw2ksetup</b>	<p>Checks to see which files are installed, and installs additional files as necessary. Use this command to integrate IPM and CiscoWorks2000 in the following instances:</p> <ul style="list-style-type: none"> <li>• You installed CiscoWorks2000 after you installed IPM.</li> <li>• IPM and CiscoWorks2000 are no longer integrated for some reason.</li> </ul> <p>You can use this command only if you have administrative privileges.</p>
<b>ipm cw2ksetup install</b>	<p>Identical to <b>ipm cw2ksetup</b>. Checks to see which files are installed, and installs additional files as necessary. Use this command to integrate IPM and CiscoWorks2000 in the following instances:</p> <ul style="list-style-type: none"> <li>• You installed CiscoWorks2000 after you installed IPM.</li> <li>• IPM and CiscoWorks2000 are no longer integrated for some reason.</li> </ul> <p>You can use this command only if you have administrative privileges.</p>

Command	Description
<b>ipm cw2ksetup uninstall</b>	<p>Removes IPM files in the CMF path. In Windows NT, also modifies the http.conf file so that it does not use the pool from CiscoWorks2000.</p> <p><i>Always</i> run <b>ipm cw2ksetup uninstall</b> before uninstalling CiscoWorks2000 from your system.</p> <p>You can use this command only if you have administrative privileges.</p>
<b>ipm dbbackup</b>	<p>Takes a back up of the IPM database.</p> <p>You can use this command only if you have administrative privileges.</p>
<b>ipm dbclean</b>	<p>Replaces the IPM Database with a clean version.</p> <p>You can use this command only if you have administrative privileges.</p>
<b>ipm dbpassword</b>	<p>Changes the database password.</p> <p>You can also use <b>ipm dbpassword old password new password</b> on UNIX.</p> <p>You can use this command only if you have administrative privileges.</p>
<b>ipm dbprefs reload</b>	<p>Reloads the IPM database preferences file.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm dbprefs view</b>	<p>View the preferences in the currently running IPM database.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm dbprefs viewfile</b>	<p>View the IPM database preferences in the configuration file, which might differ from the preferences in the currently running IPM database.</p> <p>The output from this command is formatted differently from the output from the <b>ipm dbprefs view</b> command, because this command displays the contents of a <i>file</i>, whereas the <b>ipm dbprefs view</b> command displays the contents of a <i>database</i>.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm dbrestore</b>	<p>Restores the IPM database from a previous backup.</p> <p>You can use this command only if you have administrative privileges.</p>

Command	Description
<b>ipm debug</b> <i>hostname</i>	<p>Starts the message log display and displays the Message Log window which provides a log of status messages generated by IPM. Connects to IPM servers on the local host or on <i>hostname</i>.</p> <p>If you Telnet into a remote workstation and you do <i>not</i> set the DISPLAY variable to local display, you cannot use this command. See the “<a href="#">Setting the DISPLAY Variable in Solaris</a>” section on page 4-48 for details.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm delsrc</b>	<p>Removes a source router from the IPM database using command line prompts.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm deltarg</b>	<p>Removes a target device from the IPM database using command line prompts.</p> <p>If you try to delete a target and IPM issues an error message such as <b>Could not delete the target</b>, the cause might be one of the following:</p> <ul style="list-style-type: none"> <li>• The target is being used as a final target by one or more collectors.</li> <li>• The target is being used as an intermediate hop by one or more Path Echo collectors.</li> </ul> <p>See the “<a href="#">Deleting Targets</a>” section on page 4-11 for details about how to resolve this problem.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm editcoll</b> <i>filename</i>	<p>Allows you to edit the contents of the specified collector seed file.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm editsrc</b> <i>filename</i>	<p>Allows you to edit the contents of the specified source seed file.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm edittarg</b> <i>filename</i>	<p>Allows you to edit the contents of the specified target seed file.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm export</b>	<p>Starts the ipm export utility. For more information about this command, use the <b>ipm export help</b> command. For sample output, see the “<a href="#">Output of ipm export help Command</a>” section on page B-16.</p> <p>You can use this command if you are a member of the casusers group.</p>

Command	Description
<b>ipm forcestop</b>	(Solaris only) Forcefully stops all IPM servers running on the local host. You can use this command only if you have administrative privileges.
<b>ipm help</b>	Displays the command syntax for the <b>ipm</b> command and all of its options. For a sample output for this command, see the “ <a href="#">Output of ipm help Command</a> ” section on page B-12. You can use this command if you are a member of the casusers group.
<b>ipm hostname</b>	(Solaris only) Reconfigures IPM after you change a device’s host name, so that you do not need to reinstall IPM. If you do not issue this command after changing a device’s host name, the IPM servers no longer start up or work correctly, and the client cannot connect to the servers. You can also use this command to force IPM to use a specific IP address or host name, on a system that has multiple IP addresses or host names.
<b>ipm iosinfo</b>	Displays the contents of the IPM-IO-Info file. You can use this command if you are a member of the casusers group.
<b>ipm ipaddrchg</b> <i>oldIPAddress newIPAddress</i>	Changes an old IP address to a new IP address. You can use this command if you are a member of the casusers group.
<b>ipm ipm.conf</b>	Displays the contents of the ipm.conf file. You can use this command if you are a member of the casusers group.
<b>ipm listcoll</b>	Displays a directory listing of the collector seed files on the local host. You can use this command if you are a member of the casusers group.
<b>ipm listsrc</b>	Displays a directory listing of the source seed files on the local host. You can use this command if you are a member of the casusers group.
<b>ipm listtarg</b>	Displays a directory listing of the target seed files on the local host. You can use this command if you are a member of the casusers group.
<b>ipm loadcoll</b> <i>filename</i>	Loads the specified collector seed file into the IPM database. You can use this command if you are a member of the casusers group.
<b>ipm loadsrc</b> <i>filename</i>	Loads the specified source seed file into the IPM database. You can use this command if you are a member of the casusers group.

Command	Description
<b>ipm loadtarg</b> <i>filename</i>	Loads the specified target seed file into the IPM database. You can use this command if you are a member of the casusers group.
<b>ipm logger</b>	Displays the ipmLoggerLog.x file with tail -f. You can use this command if you are a member of the casusers group.
<b>ipm mirror</b> [ <i>source</i>   <i>target</i>   <i>collector</i> ]	Exports IPM device data in seed file format. You can use this command if you are a member of the casusers group.
<b>ipm mirror all</b>	(Solaris only) Exports IPM device data for sources, targets, and collectors in seed file format and creates a tar file of all components in a file named /tmp/ipm.mirror. <i>host_name</i> .tar.  (Windows NT only) Exports IPM device data for sources, targets, and collectors in seed file format and creates three files named Source.txt, Target.txt and Collector.txt, stored in a temporary directory. To find the temporary directory, IPM first looks at the TMP environment variable. If TMP is not defined, IPM looks at the TEMP variable. If TEMP is also not defined, IPM places the three files in the current directory. You can use this command if you are a member of the casusers group.
<b>ipm password</b>	Enables and disables IPM passwords. See the <a href="#">“Implementing Client Security” section on page 2-8</a> for more information. You can use this command only if you have administrative privileges.
<b>ipm pmstatus</b> <i>hostname</i>	Displays the Process Management Information window and connects to the IPM servers on the local host or on <i>hostname</i> . The Process Management Information window displays status information about the IPM processes and provides options for starting or stopping a process, or for viewing more detailed information about a process.  If you Telnet into a remote workstation and you do <i>not</i> set the DISPLAY variable to local display, you cannot use this command. See the <a href="#">“Setting the DISPLAY Variable in Solaris” section on page 4-48</a> for details. You can use this command if you are a member of the casusers group.
<b>ipm readme</b>	Displays the contents of the README file for IPM. You can use this command if you are a member of the casusers group.

Command	Description
<b>command reference:ipm ipm regen</b>	Regenerates all Web reports. You can use this command only if you have administrative privileges.
<b>ipm restart</b>	Restarts all IPM servers on the local host. You can use this command only if you have administrative privileges.
<b>ipm restart db</b>	Restarts the IPM database on the local host. You can use this command only if you have administrative privileges.
<b>ipm restart name</b>	Restarts the IPM Naming Server on the local host. You can use this command only if you have administrative privileges.
<b>ipm restart pm</b>	Restarts all IPM server processes on the local host except the IPM database, Naming Server, and Web Server. You can use this command only if you have administrative privileges.
<b>ipm restart web</b>	Restarts the IPM Web Server on the local host. You can use this command only if you have administrative privileges.

Command	Description
<b>ipm seed</b> <i>hostname filename type</i>	<p>Connects to IPM servers on the local host and starts a seed file configuration process.</p> <ul style="list-style-type: none"> <li>If you are not connecting locally, <i>hostname</i> is the name of the remote host, such as IPM-Host-1.</li> <li><i>filename</i> is the seed file name, such as srcfile.src. You can specify just the file name, or you can specify an absolute address (the full path and file name). If you specify only the file name, IPM looks for the file in the default seed file directory. <i>filename</i> cannot be a relative address (a partial path name and file name).</li> <li><i>type</i> is the type of seed file: 1 for source, 2 for target, 3 for collector.</li> </ul> <p>The following are valid <b>ipm seed</b> commands:</p> <p><b>File Name Only—Solaris</b></p> <pre># ./ipm seed IPM-Host-1 srcfile.src 1</pre> <p><b>Absolute Address—Solaris</b></p> <pre># ./ipm seed IPM-Host-1 /opt/CSCOipm/etc/source/srcfile.src 1</pre> <p><b>File Name Only—Windows NT</b></p> <pre>ipm seed IPM-Host-1 srcfile.src 1</pre> <p><b>Absolute Address—Windows NT</b></p> <pre>ipm seed IPM-Host-1 c:\Program Files\Internetwork Performance Monitor\Server\etc\source\srcfile.src 1</pre> <p>For more information about seed files, see the <a href="#">“Adding Components Using Seed Files” section on page 4-25</a>.</p> <p>You can use this command if you are a member of the casusers group.</p>
<b>ipm servername</b>	<p>Resets the default server to which to connect.</p> <p>You can use this command only if you have administrative privileges.</p>

Command	Description
<b>ipm services.conf</b>	Displays the contents of the services.conf file. You can use this command if you are a member of the casusers group.
<b>ipm start server</b>	Starts all IPM servers on the local host. You can use this command only if you have administrative privileges.
<b>ipm start aging</b>	(Windows NT only) Starts the IPM Aging Server on the local host. You can use this command only if you have administrative privileges.
<b>ipm start client hostname</b>	Starts an IPM client on the specified host. If no host name is specified, then an IPM client is started on the local host.  If you Telnet into a remote workstation and you do <i>not</i> set the DISPLAY variable to local display, you cannot use this command. See the <a href="#">“Setting the DISPLAY Variable in Solaris”</a> section on page 4-48 for details. You can use this command if you are a member of the casusers group.
<b>ipm start db</b>	Starts the IPM Database Server on the local host. You can use this command only if you have administrative privileges.
<b>ipm start name</b>	Starts the IPM Naming Server on the local host. You can use this command only if you have administrative privileges.
<b>ipm start pm</b>	Starts the IPM Process Manager on the local host. You can use this command only if you have administrative privileges.
<b>ipm start web</b>	Starts the IPM Web Server on the local host. You can use this command only if you have administrative privileges.
<b>ipm status</b>	Displays the status of all IPM servers on the local host. For a sample output for this command, see the <a href="#">“Output of ipm status Command”</a> section on page B-12. You can use this command if you are a member of the casusers group.
<b>ipm stop server</b>	Stops all IPM servers on the local host. You can use this command only if you have administrative privileges.
<b>ipm stop aging</b>	(Windows only) Stops the IPM Aging Server on the local host. You can use this command only if you have administrative privileges.

Command	Description
<b>ipm stop clients</b>	Stops all IPM clients running on the local host. You can use this command only if you have administrative privileges.
<b>ipm stop db</b>	Stops the IPM Database Server on the local host. You can use this command only if you have administrative privileges.
<b>ipm stop name</b>	Stops the IPM Naming Server on the local host. You can use this command only if you have administrative privileges.
<b>ipm stop pm</b>	Stops the IPM Process Manager on the local host. You can use this command only if you have administrative privileges.
<b>ipm stop web</b>	Stops the IPM Web Server on the local host. You can use this command only if you have administrative privileges.
<b>ipm tshoot</b>	Displays information useful for troubleshooting problems with assistance from the Cisco Technical Assistance Center. You can use this command if you are a member of the casusers group.
<b>ipm upgrade</b>	Starts the IPM Remote Upgrade Utility. You can use this command only if you have administrative privileges.
<b>ipm version</b>	Displays version information for all IPM servers on the local host. You can use this command if you are a member of the casusers group.
<b>ipm viewcoll <i>filename</i></b>	Displays the contents of the specified collector seed file. You can use this command if you are a member of the casusers group.
<b>ipm viewlog</b>	Displays the ipmLoggerLog.x file with PAGER. You can use this command if you are a member of the casusers group.
<b>ipm viewsrc <i>filename</i></b>	Displays the contents of the specified source seed file. You can use this command if you are a member of the casusers group.
<b>ipm viewtarg <i>filename</i></b>	Displays the contents of the specified target seed file. You can use this command if you are a member of the casusers group.

## Output of ipm status Command

The following example shows the status information displayed when you use the **ipm status** command:

```

=====
IPM Server Version: 2.3.b.02
IPM Server Hostname: fms-build1
IPM Server Build Date: Fri Jan 12 19:19:30 CST 2001
=====
IPM Database Server Already Running.
IPM Web Server Already Running.
IPM Naming Server Already Running.
IPM Process Manager Already Running.
Process Manager running with processes:
PROCESS STATE PID Last Message
DataCollectionServerReady 11334 Running
DataViewServer Ready11335 Running
ConfigServer Ready 21782 Running
SNMPServer Ready 11333 Running
MessageLogServer Ready 20854 Running
RTPServer Ready 11337 Running

```

## Output of ipm help Command

The following example shows the command syntax and help that is displayed when you use the **ipm help** command:

```

Solaris
ipm -Starts all IPM Servers and one Client on the local host.
ipm start -Starts all IPM Servers on the local host.
ipm stop -Stops all IPM Servers on the local host.
ipm restart -Restarts all IPM Servers on the local host.
ipm status -Displays status of all IPM Servers on the local host.
ipm version -Displays version of all IPM Servers on the local host.
ipm start client[<hostname>] -Starts an IPM Client.
Connects to IPM servers on default host or <hostname>
ipm start db -Starts IPM Database Server on the local host.
ipm stop db -Stops IPM Database Server on the local host.
ipm start web -Starts IPM Web Server on the local host.
ipm stop web -Stops IPM Web Server on the local host.
ipm start name -Starts IPM Naming Server on the local host.
ipm stop name -Stops IPM Naming Server on the local host.

```

```
ipm start pm -Starts IPM Process Manager on the local host.
ipm stop pm -Stops IPM Process Manager on the local host.
ipm debug [<hostname>] -Starts a Message Log Display Client. Connects to IPM servers on
local host or <hostname>
ipm pmstatus [<hostname>] -Starts a Process Manager Display Client. Connects to IPM
servers on local host or <hostname>
ipm dbbackup -Backs up IPM Database from previous backup.
ipm dbrestore -Restores IPM Database from previous backup.
ipm dbclean -Replace the IPM database with a clean version.
ipm dbpassword -Change IPM Database password
ipm forcestop -Forcefully stops all IPM Servers on the local host.
ipm stopclients -Stops all running IPM clients on the local host.
ipm readme -Display the README file.
ipm iosinfo -Display the IPM-IOS-Info file.
ipm ipm.conf -Display the ipm.conf file.
ipm services.conf -Display the services.conf file.
ipm console -Display the ipmConsoleLog.log file.
ipm viewlog -Display the ipmLoggerLog.x file with PAGER
ipm logger -Display the ipmLoggerLog.x file with tail -f.
ipm browserpath -Reset the path to the system Web Browser.
ipm servername -Reset the default server to connect to.
ipm export -Call the ipm export utility. ipm export help for more info.
ipm mirror [source|target|collector] -Export in IPM seed file format.
ipm mirror all -Export in IPM seed file format and create a tar file.
of all components in /tmp/ipm.mirror.fms-build1.tar
ipm listsrc -Display a directory listing of the source seed files.
ipm listtarg -Display a directory listing of the target seed files.
ipm listcoll -Display a directory listing of the collector seed files.
ipm viewsrc <filename> -View the source file specified by <filename>
ipm viewtarg <filename> -View the target file specified by <filename>
ipm viewcoll <filename> -View the collector file specified by <filename>
ipm editsrc <filename> -Edit the source file specified by <filename>
ipm edittarg <filename> -Edit the target file specified by <filename>
ipm editcoll <filename> -Edit the collector file specified by <filename>
ipm loadsrc <filename> -Load the source file specified by <filename>
ipm loadtarg <filename> -Load the target file specified by <filename>
ipm loadcoll <filename> -Load the collector file specified by <filename>
ipm addsrc -Add a source via command line prompts.
ipm addtarg -Add a target via command line prompts.
ipm delsrc -Delete a source via command line prompts.
ipm deltarg -Delete a target via command line prompts.
ipm seed [<hostname> [<filename> <type>] ] -Starts a Seed File Configuration Process.
Connects to IPM servers on local host or <hostname> <filename> is the seed file name.
<type> is 1 for source; 2 for target; 3 for collector.
ipm tshoot -Display information for Cisco TAC.
ipm regen -Regenerate all Web reports.
ipm clientaddr -Force Client to bind to specific IP address.
ipm password -Establish passwords on client launching and Web clients.
```

## Output of ipm help Command

```
ipm hostname -Change the hostname used by the IPM Server and Client.
ipm cw2ksetup install|uninstall -Integrate with CiscoWorks2000.
ipm dbprefs view -View the current IPM Database preferences.
ipm dbprefs viewfile -View the IPM Database preferences file.
ipm dbprefs reload -Reload the IPM Database preferences file.
ipm baseline <percent_value> -Increment the threshold values by
<percent_value between 1-999%> above the average hourly threshold.
ipm ipaddrchg <oldIpAddress> <newIpAddress> -Change the old IP Address to the new IP
Address.
ipm upgrade -IPM Remote Upgrade utility.
```

### NT

```
ipm -Starts all IPM Servers and one Client on the local host.
ipm start -Starts all IPM Servers on the local host.
ipm stop -Stops all IPM Servers on the local host.
ipm restart -Restarts all IPM Servers on the local host.
ipm status -Displays status of all IPM Servers on the local host.
ipm version -Displays version of all IPM Servers on the local host.
ipm start client [<hostname>] - Starts an IPM Client. Connects to IPM servers on local
host or <hostname>
ipm start db -Starts IPM Database Server on the local host.
ipm stop db -Stops IPM Database Server on the local host.
ipm start web -Starts IPM Web Server on the local host.
ipm stop web -Stops IPM Web Server on the local host.
ipm start name -Starts IPM Naming Server on the local host.
ipm stop name -Stops IPM Naming Server on the local host.
ipm start aging -Starts IPM Aging Server on the local host.
ipm stop aging -Stops IPM Aging Server on the local host.
ipm start pm -Starts IPM Process Manager on the local host.
ipm stop pm -Stops IPM Process Manager on the local host.
ipm debug [<hostname>] -Starts a Message Log Display Client.
Connects to IPM servers on local host or <hostname>
ipm pmstatus [<hostname>] -Starts a Process Manager Display Client. Connects to IPM
servers on local host or <hostname>
ipm dbbackup -Backs up IPM Database.
ipm dbrestore -Restores IPM Database from previous backup.
ipm dbpassword -Change IPM Database password
ipm dbbackup {enable|disable} -Controls Automatic IPM Database backup.
ipm dbclean -Replace the IPM database with a clean version.
ipm forcetop -Forcefully stops all IPM processes on the local host.
ipm stopclients -Stops all running IPM clients on the local host.
ipm readme -Display the README file.
ipm iosinfo -Display the IPM-IOS-Info file.
ipm ipm.conf -Display the ipm.conf file.
ipm services.conf -Display the services.conf file.
ipm console -Display the ipmConsoleLog.log file.
ipm viewlog -Display the ipmLoggerLog.x file.
ipm logger -Display the ipmLoggerLog.x file.
```

```
ipm servername -Reset the default server to connect to.
ipm browserpath -Reset the path to the system Web Browser.
ipm export -Call the ipm export utility. ipm export help for more info.
ipm mirror [source|target|collector] -Export in IPM seed file format.
ipm mirror all -Export in IPM seed file format of all components.
ipm listsrc -Display a directory listing of the source seed files.
ipm listtarg -Display a directory listing of the target seed files.
ipm listcoll -Display a directory listing of the collector seed files.
ipm viewsrc <filename> -View the source file specified by <filename>
ipm viewtarg <filename> -View the target file specified by <filename>
ipm viewcoll <filename> -View the collector file specified by <filename>
ipm editsrc <filename> -Edit the source file specified by <filename>
ipm edittarg <filename> -Edit the target file specified by <filename>
ipm editcoll <filename> -Edit the collector file specified by <filename>
ipm loadsrc <filename> -Load the source file specified by <filename>
ipm loadtarg <filename> -Load the target file specified by <filename>
ipm loadcoll <filename> -Load the collector file specified by <filename>
ipm addsrc -Add a source via command line prompts.
ipm addtarg -Add a target via command line prompts.
ipm delsrc -Delete a source via command line prompts.
ipm deltarg -Delete a target via command line prompts.
ipm seed [<hostname> [<filename> <type>] ] Starts a Seed File Configuration Process.
Connects to IPM servers on local host or <hostname> <filename> is the seed file name.
<type> is 1 for source; 2 for target; 3 for collector.
ipm ipaddrchg [<old IP address> <new IP address>] Changes a target or source IP address to
a new IP address specified by the user
ipm tshoot -Display information for Cisco TAC.
ipm regen -Regenerate all Web Reports.
ipm clientaddr -Force Client to bind to a specific IP address.
ipm password -Establish passwords on client launching.
ipm cw2ksetup [install|uninstall] -Integrate with Cisco Works 2000.
ipm dbprefs view -View the current IPM Database Preferences.
ipm dbprefs viewfile -View the IPM Database Preferences file.
ipm dbprefs reload -Reload the IPM Database Preferences file.
ipm baseline <percent_value> - Increment the threshold values by
<percent_value between 1-999%> above the average hourly threshold.
ipm upgrade -remote upgrade IPM.
```

# Output of ipm export help Command

The following example shows the command syntax and help that is displayed when you use the **ipm export help** command:



## Note

You must be logged in as the root user (Solaris) or administrator (Windows) to use export IPM data using the **ipm export** command.

Usage:

```
/opt/CSCOipm/bin/ipmExport.pl [ipmRoot]
    [-q] [[-k <letter>] | -w] [-h]
    [ ( -c | -s | -t | -o ) [<Name>] ]
    | [ (-dh | -dd | -dw | -dm) <StartTime> <EndTime> [ <CollectorName> ] ]
```

General options:

- [ipmRoot] - Root location of IPM, such as /opt/CSCOipm
- q Quiet output- display no column headings. Only applicable in plain text output format
- k Delimiter- set the field delimiter to <letter>. By default, this is set to a comma ','. Only applicable in plain text output format.
- w HTML output - A web page will be generated from the output of this command.
- h Help - output this usage help

Format:

```
Time - <StartTime> and <EndTime> need to be input as:
      MM/DD/YYYY-hh:mm:ss Day
      <WhichDay> needs to be input as
      MM/DD/YYYY
```

Output options:

- c Display collector configuration. If <name> is omitted, display a list of all collectors. If <name> is specified, display information about the specified collector.
- s Display source router configuration. If <name> is omitted,

- display a list of all source routers. If <name> is specified, display information about the specified source router.
- t Display target configuration. If <name> is omitted, display a list of all targets. If <name> is specified, display information about the specified target.
  - o Display operation configuration. If <name> is omitted, display a list of all operations. If <name> is specified, display information about the specified operation.
  - dh Display hourly non-jitter statistical data. If <name> is omitted, display data for all non-jitter collectors. If <name> is specified, display information about the specified collector.
  - dd Display daily non-jitter statistical data. If <name> is omitted, display data for all non-jitter collectors. If <name> is specified, display information about the specified collector.
  - dw Display weekly non-jitter statistical data. If <name> is omitted, display data for all non-jitter collectors. If <name> is specified, display information about the specified collector.
  - dm Display monthly non-jitter statistical data. If <name> is omitted, display data for all collectors. If <name> is specified, display information about the specified collector.
  - jh Display hourly jitter statistical data. If <name> is omitted, display data for all jitter collectors. If <name> is specified, display information about the specified collector.
  - jd Display daily jitter statistical data. If <name> is omitted, display data for all jitter collectors. If <name> is specified, display information about the specified collector.
  - jw Display weekly jitter statistical data. If <name> is omitted, display data for all jitter collectors. If <name> is specified, display information about the specified collector.
  - jm Display monthly jitter statistical data. If <name> is omitted, display data for all jitter collectors. If <name> is specified, display information about the specified collector.
  - r Generate summary web reports, which can be retrieved and browsed from ipm home page. If <WhichDay> is specified, generate all applicable web reports for that day; otherwise, will generate all applicable web reports for yesterday.

# IPM Internal Commands

A list of internal commands is given below. It is recommended that you do not use these commands.

The internal commands on UNIX are:

- ipm deinstallstop
- ipm pstart
- ipm istart
- ipm load
- ipm updatedbprox
- ipm deinstall

The internal commands on Windows are:

- ipm deinstall
- ipm install