Release Notes for Cisco IPICS Release 2.0(2)

April 10, 2007

These release notes contain information about corrections to internal security vulnerabilities that existed in the Cisco IP Interoperability and Collaboration System (hereafter referred to as Cisco IPICS) release 2.0(1) server software.

With this release, the Cisco IPICS server software has been modified to correct these vulnerabilities and its version number has been changed to reflect release 2.0(2).

This release has no affect on Cisco IPICS features and functionality that were previously documented in the Cisco IPICS release 2.0(1) documentation suite. They remain in effect for this release. This release only changes the version number for Cisco IPICS to release 2.0(2).

Note Be aware that all previously documented references to Cisco IPICS release 2.0(1), Cisco IPICS server software release 2.0(1), and the Cisco IPICS Push-to-Talk Management Center (PMC) release 2.0(1) are hereafter replaced with Cisco IPICS release 2.0(2), Cisco IPICS server software release 2.0(2), and PMC release 2.0(2).

- For complete release notes information that is pertinent to this Cisco IPICS release, refer to the *Release Notes for Cisco IPICS, Release 2.0(1)* documentation.

- For complete product information, use these release notes in conjunction with the entire Cisco IPICS release 2.0(1) documentation suite.

- To access the Cisco IPICS release 2.0(1) documentation suite, look for the Cisco IPICS 2.0 index at the following URL: http://www.cisco.com/univercd/cc/td/doc/product/cis/c_ipics/index.htm

Note Before you install Cisco IPICS, Cisco recommends that you review the "Important Notes" section in the *Release Notes for Cisco IPICS, Release 2.0(1)* documentation that is available under the Cisco IPICS 2.0 index at the following URL: http://www.cisco.com/univercd/cc/td/doc/product/cis/c_ipics/index.htm

For a list of the open and resolved caveats for Cisco IPICS release 2.0(2), see the "Resolved Caveats for Cisco IPICS - Release 2.0(2)" section on page 14 and the "Open Caveats for Cisco IPICS - Release 2.0(2)" section on page 18.

Contents

These release notes contain the following topics:

Introduction

This section provides an introduction to the Cisco IPICS product. It includes the following topics:

- Overview, page 3
- Cisco IPICS Support Team Communications, page 4

Overview

Cisco IPICS provides a high-quality IP standards-based solution that enables voice interoperability among disparate systems. The Cisco IPICS solution interconnects voice channels, talk groups, and virtual talk groups (VTGs) to bridge communications from radio networks to IP networks and devices, such as the Cisco IPICS Push-to-Talk Management Center (PMC) PC application, and supported models of Cisco Unified IP Phones.

To provide this functionality, Cisco IPICS uses new components, such as the Cisco IPICS server and the PMC, and existing technologies, such as Land Mobile Radio (LMR), Cisco gateways, and Voice over IP (VoIP) technology, along with new applications of existing technologies, such as the use of the router media services (RMS) functionality for channel mixing.

As part of the Cisco IPICS solution, the server includes the Administration Console, which is an integrated web-based system management software that provides the incident management framework graphical user interface (GUI). The Administration Console facilitates the tasks that are associated with operations and command and control to extend the reach of push-to-talk (PTT) voice technology from the LMR environment to the IP network and enable rapid deployment and management of disparate audio communications systems.

In addition, the server includes the Cisco IPICS policy engine (hereafter referred to as *policy engine*), which enables telephony dial functionality and is responsible for the management and execution of policies and user notifications.

The PMC application provides the interface for users to host push-to-talk audio communications. By using a simplified GUI, the PMC allows simultaneous monitoring and participation in one or more talk groups or VTGs at the same time.

Where to Find More Information

- *Cisco IPICS Server Administration Guide, Release 2.0(1)*

- *Cisco IPICS PMC Installation and User Guide, Release 2.0(1)*

Cisco IPICS Support Team Communications

The Cisco IPICS Support Team provides an external mailing list that you can use to obtain additional support directly from the Cisco IPICS engineering team. To subscribe to this mailing list, create an email that includes "subscribe" in the subject line; then, send the email to the following address:

ask-ipics-support@external.cisco.com

Whenever you need additional support, or if you have questions about Cisco IPICS, send your request to ask-ipics-support@external.cisco.com.

A Cisco IPICS engineer will respond to your email to provide you with the assistance that you need.

System Requirements

For detailed information about system requirements for the Cisco IPICS server and PMC components, refer to the *Release Notes for Cisco IPICS, Release 2.0(1)* documentation and the *Cisco IPICS Compatibility Matrix* at the following URL: http://www.cisco.com/univercd/cc/td/doc/product/cis/c_ipics/index.htm

The *Cisco IPICS Compatibility Matrix* includes a list of supported hardware platforms, including PMC client machines, Cisco Media Convergence Servers (MCS), Cisco IPICS-Mobile Platforms, and Cisco routers that you can use with Cisco IPICS. It also includes a list of the software that is supported for use with Cisco IPICS.

Note
- Make sure that you install and configure Cisco IPICS release 2.0(2) only on a supported Cisco platform.

- You must use only the Cisco-supported operating system for use with Cisco IPICS. No other operating system versions are supported.

- Make sure that you install the PMC application on a PC that has the required Windows operating system installed.

Where to Find More Information

- *Cisco IPICS Compatibility Matrix*

Determining the Software Version

The current version of the Cisco IPICS server software displays in the upper left corner of the Administration Console. You can also locate the server version information by clicking the **About** link that is located in the upper right corner of the Administration Console.

To see the version information for the PMC application, click the **Menu** button or right-click in the PMC interface to see a list of options; then, click **About**. The version information for your PMC application displays. Alternatively, you can access the **Settings > Status** menu to see version information for the PMC.

Compatibility Matrix

You can find the list of the hardware and software versions that are compatible with this release of Cisco IPICS by referring to the *Cisco IPICS Compatibility Matrix* at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/cis/c_ipics/index.htm

Tip Make sure that you check the *Cisco IPICS Compatibility Matrix* for the most current versions of compatible hardware components and software versions for use with Cisco IPICS.

Note Be aware that all previously documented references to Cisco IPICS release 2.0(1), Cisco IPICS server software release 2.0(1), and the PMC release 2.0(1) are hereafter replaced with Cisco IPICS release 2.0(2), Cisco IPICS server software release 2.0(2), and PMC release 2.0(2).

Related Documentation

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Note The Cisco IPICS release 2.0(1) documentation suite also supports Cisco IPICS release 2.0(2).

For more information about this release of Cisco IPICS, refer to the following documentation:

- *Cisco IPICS PMC Quick Start Reference Card, Release 2.0(1)*—This document provides tips and quick references for the most frequently used procedures that a user can perform on the Cisco IPICS PMC.

- *Cisco IPICS PMC Debug Reference Quick Start Card, Release 2.0(1)*—This document provides a quick reference for troubleshooting and debugging the Cisco IPICS PMC.

- *Cisco IPICS Server Administration Guide, Release 2.0(1)*—This document contains information about the key configuration, operation, and management tasks for the Cisco IPICS server.

- *Cisco IPICS Server Quick Start Guide, Release 2.0(1)*—This document is a condensed version of the *Cisco IPICS Server Administration Guide* to help the administrator to quickly get started with Cisco IPICS.

- *Cisco IPICS Server Quick Start Reference Card, Release 2.0(1)*—This document provides tips, quick references, and usage guidelines for the Cisco IPICS server.

- *Cisco IPICS Server Installation and Upgrade Guide, Release 2.0(1)*—This document describes how to install, configure, and upgrade the Cisco IPICS server software and Cisco IPICS operating system.

- *Cisco IPICS Server Quick Start Installation Reference Card, Release 2.0(1)*—This document provides tips and quick references for installing and upgrading the Cisco IPICS server.

- *Cisco IPICS Troubleshooting Guide, Release 2.0(1)*—This document contains reference material about how to maintain and troubleshoot the Cisco IPICS system.

- *Cisco IPICS PMC Command Line Interface, Release 2.0(1)*—This document describes the commands that you can use from the command line interface (CLI) to obtain information or to change settings for the Cisco IPICS PMC.

- *Release Notes for Cisco IPICS Release 2.0(1)*—This document contains a description of the new and changed features, important notes, caveats, and documentation updates for this release of Cisco IPICS.

- *Cisco IPICS 2.0(1) Resources Card (Documentation Locator)*—This document provides a summary of the documentation that is available for this release of Cisco IPICS.

- *Solution Reference Network Design (SRND) for Cisco IPICS Release 2.0(1)*— This document provides information about design considerations and guidelines for deploying the Cisco IPICS solution.

- *Cisco IPICS Compatibility Matrix*—This document contains information about compatible hardware and software that is supported for use with Cisco IPICS.

To access the documentation suite for Cisco IPICS, refer to the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/cis/c_ipics/index.htm

New and Changed Information

The following section describes the changes that have been implemented in this release to correct internal security vulnerabilities that existed in the Cisco IPICS release 2.0(1) server software.

Note For complete information about the new features and changes that are available and pertinent to this release of Cisco IPICS, refer to the *Release Notes for Cisco IPICS, Release 2.0(1)* documentation that is available under the Cisco IPICS 2.0 index at the following URL:
http://www.cisco.com/univercd/cc/td/doc/product/cis/c_ipics/index.htm

- Server Installation and Upgrade Information, page 8
- Modifications to Backup and Restore, page 8
- PMC Installation and Upgrade Information, page 9
- Upgrading to Cisco IPICS Release 2.0(2), page 10
- Correction to an Internal Security Vulnerability in the Cisco IPICS Policy Engine, page 14

Server Installation and Upgrade Information

This section contains information that is pertinent to the Cisco IPICS release 2.0(2) server installation and upgrade procedures.

- You must purchase and install valid Cisco IPICS release 2.0(1) license(s) to install or upgrade to Cisco IPICS release 2.0(2).

- Before you begin the upgrade, make sure that you have the installation CDs that pertain to both the Cisco IPICS release 2.0(1) operating system and the Cisco IPICS release 2.0(2) server software, and the CDs that pertain to the Cisco IPICS release 1.0(2) server software.

- Be aware that the options that the installer displays, and the behavior of the installer, may differ depending on the current version of software that is running on your system.

Note Be aware that all previously documented references to Cisco IPICS release 2.0(1), Cisco IPICS server software release 2.0(1), and the PMC release 2.0(1) are hereafter replaced with Cisco IPICS release 2.0(2), Cisco IPICS server software release 2.0(2), and PMC release 2.0(2).

Where to Find More Information

- *Cisco IPICS Server Installation and Upgrade Guide, Release 2.0(1)*
- *Cisco IPICS Compatibility Matrix*

Modifications to Backup and Restore

In this release, the Remote Host option has been removed from the **Administration > Database Management > Schedule Backup** window because of an internal security issue.

For updated procedural information, see the "Removal of the Remote Host Option from the Administration Console Schedule Backup Window" section on page 22.

PMC Installation and Upgrade Information

Cisco IPICS only supports the use of PMC release 2.0(2) with a Cisco IPICS server that runs release 2.0(2) server software.

- Cisco IPICS does not support the use of pre-2.0(2) PMC releases with a Cisco IPICS release 2.0(2) server.

- If you try to use a pre-2.0(2) version of the PMC with a server that runs Cisco IPICS release 2.0(2) server software, the PMC pops up a message to alert you of the version mismatch. In this situation, you must access the Cisco IPICS server via your browser to download and then install the 2.0(2) version of the PMC.

    - To ensure a smooth upgrade to PMC release 2.0(2), current PMC release 2.0(1) users can log in to the server to download and install the latest PMC release 2.0(2) client software. Alternatively, automatic PMC upgrade to release 2.0(2) can be enabled by configuring the **PMC Management > PMC Versions** window to reflect the state of PMC release 2.0(2) as Recommended.

    - If the value of PMC release 2.0(2) is not set to Recommended, and if current PMC release 2.0(1) users do not first log in to the server to download and install the latest PMC release 2.0(2) client software, an error message displays when users attempt to upgrade the PMC from release 2.0(1) to release 2.0(2). For more information, refer to http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi44898

- Be aware that you will not be able to connect to your server by using the PMC until you upgrade your PMC to a version that is compatible with the server.

Note Be aware that all previously documented references to Cisco IPICS release 2.0(1), Cisco IPICS server software release 2.0(1), and the PMC release 2.0(1) are hereafter replaced with Cisco IPICS release 2.0(2), Cisco IPICS server software release 2.0(2), and PMC release 2.0(2).

Where to Find More Information

- *Cisco IPICS PMC Installation and User Guide, Release 2.0(1)*

Upgrading to Cisco IPICS Release 2.0(2)

You can upgrade your Cisco IPICS server to release 2.0(2) if your server is running one of the following releases:

- Server software release 1.0(2) and operating system release 1.0(2) or 1.0(3)

- Server software release 2.0(1) and operating system release 2.0(1)

Tip Be aware that the options that the installer displays, and the behavior of the installer, may differ depending on the current version of software that is running on your system.

Note In this release, Cisco IPICS supports upgrade from server software release 2.0(1) to server software release 2.0(2) as a new installation. Installation options that may display and the behavior of the installer depends on the current version of software that is running on your system. For more information, see the "Upgrade Guidelines" section on page 11.

The Cisco IPICS release 2.0(1) operating system is not affected and remains valid for this release.

Note Your server must be running one of the abovementioned releases to upgrade to or install Cisco IPICS release 2.0(2).

This upgrade software is available only on Cisco-provided CD-ROM format; it is not available via web download. If you are not sure about how to obtain this software, contact your Cisco representative for information.

Tip To verify which versions of Cisco IPICS are compatible for upgrade, refer to the most recent version of the *Cisco IPICS Compatibility Matrix* at http://www.cisco.com/univercd/cc/td/doc/product/cis/c_ipics/index.htm

This section includes the following topics:

- Upgrade Guidelines, page 11

Upgrade Guidelines

Be aware of the following upgrade guidelines, which pertain to this release of Cisco IPICS:

- When you run the Cisco IPICS installer and it does not detect an existing installation of the Cisco IPICS server software, the installer does not display any installation and/or upgrade options (Install/Upgrade/Quit). In this situation, the installer automatically invokes the install option and installs the Cisco IPICS server software on your system.

- When you run the Cisco IPICS installer and it detects an existing version of the Cisco IPICS server software that is part of the supported upgrade path, the installer displays the full installation menu; that is, Install/Upgrade/Quit.

  – If you choose the Install option in this situation, the installer removes the existing version of the Cisco IPICS server software and installs the new version of software.

  Note Be aware that your data is not preserved during this process. Therefore, make sure that you first back up your data before you perform a new installation.

  – If you choose the Upgrade option, your data is preserved and your system is upgraded to the latest version.

- When you run the Cisco IPICS installer and it detects an existing version of the Cisco IPICS server software that is not part of the supported upgrade path, a warning message displays to inform you that your data will be lost if you proceed.

  – If you choose to proceed, the installer invokes the install option and installs the Cisco IPICS server software on your system.

  Note Be aware that your data is not preserved during this process. Therefore, make sure that you first back up your data before you perform a new installation.

Upgrading from Cisco IPICS Release 1.0(2)

You must follow the exact sequence of steps that are documented in the *Cisco IPICS Server Installation and Upgrade Guide, Release 2.0(1)* to fully upgrade your Cisco IPICS operating system to release 2.0(1) and the Cisco IPICS server software to release 2.0(2).

To upgrade from Cisco IPICS release 1.0(2), perform the following steps:

1. Deactivate all active VTGs.

2. Perform a remote backup of your data.

3. Install the Cisco IPICS operating system, release 2.0(1).

4. Reinstall the Cisco IPICS server software, release 1.0(2).

5. Restore the data that you backed up to a remote server.

6. Upgrade the Cisco IPICS server software from release 1.0(2) to Cisco IPICS release 2.0(2).

7. Reactivate any VTGs that you deactivated in Step 1.

For detailed procedures, refer to the *Cisco IPICS Server Installation and Upgrade Guide, Release 2.0(1).*

Upgrading from Cisco IPICS Release 2.0(1)

When you upgrade your server from Cisco IPICS release 2.0(1) to release 2.0(2), you are actually uninstalling server software release 2.0(1) and installing server software release 2.0(2). To perform this installation process, follow these steps:

1. Perform a backup of your data by using the Local Directory or the Remote Host option.

   • For detailed information, refer to the "Backing up the Cisco IPICS Server Database" section in the "Performing Cisco IPICS Database Backup and Restore Operations" chapter in the *Cisco IPICS Server Administration Guide, Release 2.0(1)*.

2. Uninstall the Cisco IPICS release 2.0(1) server software.

   • For detailed information, refer to the "Uninstalling Cisco IPICS" chapter in the *Cisco IPICS Server Installation and Upgrade Guide, Release 2.0(1).*

3. Install the Cisco IPICS server software, release 2.0(2).

 • For detailed information, refer to the procedures that are documented in
   the "Installing the Cisco IPICS Server Software" section in the
   "Installing Cisco IPICS" chapter in the *Cisco IPICS Server Installation
   and Upgrade Guide, Release 2.0(1).*

> **Note** For this upgrade from release 2.0(1), the installer does not display any
> installation and/or upgrade options (Install/Upgrade/Quit). Instead,
> the installer automatically invokes the install option and installs the
> Cisco IPICS server software on your system For more information,
> see the "Upgrade Guidelines" section on page 11.

 • To ensure a smooth upgrade to PMC release 2.0(2), current PMC release
   2.0(1) users can log in to the server to download and install the latest
   PMC release 2.0(2) client software. Alternatively, automatic PMC
   upgrade to release 2.0(2) can be enabled by configuring the
   PMC Management > PMC Versions window to reflect the state of PMC
   release 2.0(2) as Recommended.

> **Note** If the value of PMC release 2.0(2) is not set to Recommended, and if
> current PMC release 2.0(1) users do not first log in to the server to
> download and install the latest PMC release 2.0(2) client software, an
> error message displays when users attempt to upgrade the PMC from
> release 2.0(1) to release 2.0(2). For more information, refer to
> http://www.cisco.com/cgi-bin/Support/Bugtool/
> onebug.pl?bugid=CSCsi44898

 4. Restore the data that you backed up.

 • For detailed information, refer to the "Restoring Data from a Database
   Backup" section in the "Performing Cisco IPICS Database Backup and
   Restore Operations" chapter in the *Cisco IPICS Server Administration
   Guide, Release 2.0(1)*.

> **Note** Be aware that all previously documented references to Cisco IPICS release 2.0(1),
> Cisco IPICS server software release 2.0(1), and the PMC release 2.0(1) are
> hereafter replaced with Cisco IPICS release 2.0(2), Cisco IPICS server software
> release 2.0(2), and PMC release 2.0(2).

Where to Find More Information

- *Cisco IPICS Server Installation and Upgrade Guide, Release 2.0(1)*
- *Cisco IPICS Server Administration Guide, Release 2.0(1)*
- *Cisco IPICS Compatibility Matrix*

Correction to an Internal Security Vulnerability in the Cisco IPICS Policy Engine

In Cisco IPICS release 2.0(1), the policy engine included the ability for users to download an undocumented script editor. This script editor software contained hardcoded credentials (user name and password) that allowed unrestricted access to the policy engine scripts in the Cisco IPICS database.

This security vulnerability could be exploited by a malicious user who obtained access to the script editor software and used the hardcoded credentials to modify the behavior of the policy engine dial-in/dial-out functionality. Be aware that this issue did not impact any other functionality in Cisco IPICS.

With this release, the Cisco IPICS server software has been modified to resolve this vulnerability and the Cisco IPICS version number has been changed to reflect this update. Therefore, Cisco IPICS release 2.0(2), with inclusion of the updated server software, now replaces Cisco IPICS release 2.0(1) in its entirety.

For more information, refer to
http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi39891

Resolved Caveats for Cisco IPICS - Release 2.0(2)

You can find the latest resolved caveat information for this release of Cisco IPICS by using Bug Toolkit, which is an online tool that is available for customers to query defects according to their own needs.

Tip You need an account with Cisco.com (Cisco Connection Online) to use the Bug Toolkit to find open and resolved caveats of any severity for any release.

To access the Bug Toolkit, log on to
http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl

This section includes the following topics:

Using Bug Toolkit

To access Bug Toolkit, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

To use Bug Toolkit, follow this procedure.

Procedure

Step 1 To access the Bug Toolkit, go to
http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl

Log on with your Cisco.com user ID and password.

Step 2 Click the **Launch Bug Toolkit** hyperlink.

Step 3 If you are looking for information about a specific caveat, enter the ID number in the "Enter known bug ID:" field.

To view all caveats for the Cisco IPICS server, go to the "Search for bugs in other Cisco software and hardware products" section, and enter **Cisco IPICS Server Software** in the Product Name field. Alternatively, you can scroll through the product name list and click **Cisco IPICS Server Software**.

To view all caveats for the PMC, enter **Cisco IPICS PMC Client Software** in the Product Name field or scroll through the product name list.

Step 4   Click **Next**. The Cisco IPICS search window displays.

Step 5   Choose the filters to query for caveats. You can choose any or all of the available options:

    a. Choose the Cisco IPICS version:

       • Choose the major version for the major releases (such as, 1.0 or 2.0).

         A major release contains significant new features, enhancements, architectural changes, and/or defect fixes.

       • Choose the revision for more specific information; for example, choosing major version 2.0 and revision version 2 queries for release 2.0(2) caveats.

         A revision (maintenance) release primarily contains defect fixes to address specific problems, but it may also include new features and/or enhancements.

       Note   This option may not be available with the first release of a product.

    b. Enter keywords to search for a caveat title and description, if desired.

    c. Choose the Set Advanced Options, which includes the following items:

       • Bug Severity level—Click the radio button that displays next to the specific severity level or the range of severity levels that you want to search for. The default specifies 1-3.

       • Bug Status Group—Check the **Fixed** check box to search for resolved caveats. The default specifies Open and Fixed; to search for both open and fixed caveats, leave both of these check boxes checked.

       • Release Note Enclosure—The default specifies Valid Release Note Enclosure.

    d. Click **Next**.

      Bug Toolkit returns the list of caveats on the basis of your query.

       • You can modify your results by clicking the **Refine Search** button to submit another query and use different criteria.

   • You can save your query for future use. See the .

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Note   To see detailed online help about using Bug Toolkit, click **Help** on any Bug Toolkit window.

Saving Bug Toolkit Queries

Bug Toolkit allows you to create and then save your queries to monitor a specific defect or network situation. You can edit a saved search at any time to change the alert conditions, the defects being watched, or the network profile.

Follow this procedure to save your Bug Toolkit queries.

Procedure

Step 1   Perform your search for caveats, as described in the .

Step 2   In the search result window, click the **This Search Criteria** button that displays on the results window.

A new window displays.

Step 3   In the Name of saved search field, enter a name for the saved search.

Step 4   Under My Bug Groups, use one of the following options to save your defects in a bug group:

   • Click the **Existing group** radio button and choose an existing group name from the drop-down list box.

   • Click the **Create new group named:** radio button and enter a group name to create a new group for this saved search.

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Note   This bug group will contain the bugs that are identified by using the search criteria that you have saved. Each time that a new bug meets the search criteria, the system adds it to the group that you chose.

Bug Toolkit saves your bugs and searches, and makes them available through the My Stuff window. (The My Stuff window allows you to view, create, and/or modify existing bug groups or saved searches. Choose the **My Stuff** link to see a list of all your bug groups.)

Step 5   Under Email Update Options, you can choose to set optional e-mail notification preferences if you want to receive automatic updates of a bug status change. Bug Toolkit provides the following options:

- **Do NOT send me any email updates**—If you choose this default setting, Bug Toolkit does not send e-mail notifications.

- **Send my updates to:**—Click the radio button to choose this option to send e-mail notifications to the user ID that you enter in this field. Additional notification options include

   - **Updates as they occur**—Bug Toolkit provides updates that are based on status change.

   - **Weekly summaries**—Bug Toolkit provides weekly summary updates.

- **Apply these email update options to all of my saved searches**—Check this check box to use these e-mail update options for all of your saved searches.

Step 6   To save your changes, click **Save**.

Step 7   A window displays the bug group(s) that you have saved. From this window, you can click a bug group name to see the bugs and the saved searches; you can also edit the search criteria.

Open Caveats for Cisco IPICS - Release 2.0(2)

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Note   For a complete list of open caveats for this release, refer to the "Open Caveats for Cisco IPICS - Release 2.0(1)" section in the *Release Notes for Cisco IPICS, Release 2.0(1)* documentation that is available under the Cisco IPICS 2.0 index at the following URL:
http://www.cisco.com/univercd/cc/td/doc/product/cis/c_ipics/index.htm

Note Be aware that all previously documented references to Cisco IPICS release 2.0(1), Cisco IPICS server software release 2.0(1), and the PMC release 2.0(1) are hereafter replaced with Cisco IPICS release 2.0(2), Cisco IPICS server software release 2.0(2), and PMC release 2.0(2).

Table 1 describes possible unexpected behaviors by Cisco IPICS release 2.0(2), sorted by component.

Tip For more information about an individual defect, click the associated Identifier in Table 1 to access the online record for that defect, including workarounds.

Understanding the To-be-fixed and the Integrated-releases Fields in the Online Defect Record

When you open the online record for a defect, you may see data in the "To-be-fixed" or "Integrated-releases" fields. The information that displays in these fields identifies the list of Cisco IPICS interim versions in which the defect was fixed. These interim versions then get integrated into Cisco IPICS releases.

Some versions include identification for Maintenance Releases (MR), Service Releases (SR) and/or Engineering Specials (ES). The following examples show the version number and its mapping to MR, SR, and ES releases:

- 1.0(1.1) = Cisco IPICS release 1.0 MR1 SR1

- 1.0(3.2.1) = Cisco IPICS release 1.0 MR3 SR2 ES1

- 1.2(2.0.201) = Cisco IPICS release 1.2 MR2 ES1 (in this example, no SR was released between MR2 and ES1)

The following examples show how you can decode the maintenance release interim version information. These examples show you the format of the interim version along with the corresponding Cisco IPICS release that includes that interim version. You can use these examples as guidance to better understand the presentation of information in these fields.

- 1.0(1.008) = Cisco IPICS release 1.0(2)

- 1.1(0.012) = Cisco IPICS release 1.1(1)

- 1.1(2.020) = Cisco IPICS release 1.1(3)

- 2.0(0.029) = Cisco IPICS release 2.0(1)

Note Because defect status continually changes, be aware that Table 1 reflects a snapshot of the defects that were open at the time this report was compiled. For an updated view of open defects, access Bug Toolkit and follow the instructions as described in the "Using Bug Toolkit" section on page 15.

Tip Bug Toolkit requires that you have an account with Cisco.com (Cisco Connection Online). By using the Bug Toolkit, you can find caveats of any severity for any release. Bug Toolkit may also provide a more current listing than this document provides. To access the Bug Toolkit, log on to http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl

Table 1   Open Caveats for Cisco IPICS Release 2.0(2)

Identifier	Headline
	PMC Caveats
	Component: installer-pmc
CSCsi44898	An error displays when you attempt to upgrade the PMC from release 2.0(1) to release 2.0(2) if the value for PMC release 2.0(2) is not set to Recommended in the Cisco IPICS server **PMC Management > PMC Versions** window.
	http://www.cisco.com/cgi-bin/Support/Bugtool/onebug.pl?bugid=CSCsi44898

Documentation Updates

This section provides documentation changes that were unavailable when the Cisco IPICS release 2.0 documentation suite was released.

This section contains the following types of documentation updates:

- Errors, page 21
- Changes, page 21
- Omissions, page 24

Errors

This section includes information about errors in the Cisco IPICS Documentation suite.

This section includes a correction to one of the installer options in the "Correction to the Installer Options for Cisco IPICS Release 2.0(1)" section on page 21.

Correction to the Installer Options for Cisco IPICS Release 2.0(1)

The "Installing the Cisco IPICS Server Software" section in the "Installing Cisco IPICS" chapter in the *Cisco IPICS Server Installation and Upgrade Guide, Release 2.0(1)* incorrectly documents one of the installer options as "Typical."

The installer option actually displays "Install" and not "Typical."

The following update provides a clarification to this section:

This installation procedure includes a choice of the following install options:

• Install—This option installs the Cisco IPICS server software, including Cisco Security Agent (CSA).

• Upgrade—This option upgrades your server from a previous version of Cisco IPICS. For information about performing an upgrade of the Cisco IPICS server software, see "Upgrading Cisco IPICS" chapter.

For more information, refer to the *Cisco IPICS Server Installation and Upgrade Guide, Release 2.0(1).*

Changes

This section contains changes that have occurred since the original release of the Cisco IPICS release 2.0 documentation. These changes may not appear in the current documentation or the online help for the Cisco IPICS application.

This section includes the following topics:

Change to Version Number for Cisco IPICS Release 2.0(1)

With this release, the Cisco IPICS server software release 2.0(1) has been modified and its version number has been changed to reflect Cisco IPICS server software release 2.0(2).

Therefore, all previously documented references to Cisco IPICS release 2.0(1), Cisco IPICS server software release 2.0(1), and the PMC release 2.0(1) are hereafter replaced with Cisco IPICS release 2.0(2), Cisco IPICS server software release 2.0(2), and PMC release 2.0(2).

Removal of the Remote Host Option from the Administration Console Schedule Backup Window

The **Database Management > Schedule Backup** window has been modified to remove the Remote Host option because of an internal security issue.

The following information updates the procedure that is currently documented in the "Changing the Default Settings for a Scheduled Database Backup" section in the "Performing Cisco IPICS Backup and Restore Operations" chapter in the *Cisco IPICS Server Administration Guide, Release 2.0(1)*:

Procedure

Step 1   From the Administration Console, navigate to the **Administration > Database Management > Schedule Backup** window.

Step 2   In the **Schedule Destination** pane, choose one of the following destinations for your database backup:

- **Default**—Click this radio button to place the database backup in the **/idspri/backup** directory.

- **Local Directory**—Click this radio button to specify a subdirectory of the **/idspri/backup** directory on the local server to back up your database. If you back up your files to a local directory on the server, that directory must be a subdirectory of the **/idspri/backup** directory. If the directory does not exist, Cisco IPICS creates the directory for you.

> ✎
>
> **Note** Make sure that you precede the destination path with a forward slash (/). If you do not specify a forward slash, Cisco IPICS displays an error message in the **Administration > Database Management > Log** window and does not perform the database backup.

See the "Choosing a Destination for the Database Backup" section for more information about choosing a destination, user name, and password for your backup.

Step 3 From the **Backup Retention** drop-down list box, choose the number of days that you want the database to be stored.

When Cisco IPICS performs a scheduled or manual backup, it checks the backup retention setting and deletes any backup files that are older than the configured backup retention value. (Cisco IPICS does not purge Remote Host backups.)

Step 4 In the **Schedule Time** pane, view the default time and day values for the scheduled backup and, if required, modify the values by performing the following steps:

   a. From the **Start Time** drop-down list boxes, modify the time of day that the scheduled backup should begin by choosing the appropriate values for hours and minutes.

   b. Under **Repeat Every**, modify the frequency of the scheduled backups by clicking the radio button that corresponds to one of the following options:

   - **Day**—This option schedules a daily backup. Click this radio button to configure daily database backups.

   - **Specific Days**—This option activates the check boxes for individual days of the week. Click this radio button and check the appropriate days of the week to perform a database backup.

Step 5 To apply and save your changes, click **Save**.

If you do not save your changes, the server reverts to the current default settings.

To discard your changes and return to the current default settings, click **Cancel**.

Omissions

This section lists new and additional information that the current version of the Cisco IPICS documentation may not include:

There are no documentation omissions that are applicable to this release.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html

This document is to be used in conjunction with the documents listed in the "Related Documentation" section.

Release Notes for Cisco IPICS, Release 2.0(2)
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