

# **Instant Capacity on Demand (iCOD) Release Notes for version B.06.00**

**First Edition**



i n v e n t

**Manufacturing Part Number: B9073-90030**

**September 2003**

United States

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## Publication History

The manual publication date and part number indicate its current edition. The publication date will change when a new edition is released. The manual part number will change when extensive changes are made.

To ensure that you receive the new editions, you should subscribe to the appropriate product support service. Contact your HP sales representative for details.

- First Edition: September 2003, B9073-90030,  
(iCOD version B.06.00 on HP-UX 11i v2)  
Available on: web ([docs.hp.com](http://docs.hp.com)), print, and September 2003 Instant Information CD

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### IMPORTANT

New information may have been developed after the time of this printing. For the most current information, visit the following HP documentation web site (search for “iCOD Release Notes”):

[docs.hp.com](http://docs.hp.com)

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# 1

# iCOD B.06.00 Release Notes

This chapter covers the following topics:

- “Overview of the iCOD Release Notes” on page 8
- “Locating iCOD Information” on page 9
- “Most Recent iCOD Version and Supported Platforms” on page 11

See Chapter 2, “Major Changes and Features of iCOD version B.06.00,” on page 13 for details on the changes to iCOD version B.06.00 software.

## Overview of the iCOD Release Notes

### Welcome

Welcome to the *Instant Capacity on Demand (iCOD) Release Notes for version B.06.00*. HP's Instant Capacity on Demand (iCOD) software product provides the ability to instantly increase or decrease processing capacity on specified HP enterprise servers. With iCOD, you initially purchase an HP enterprise server with a specified amount of activated processing capacity, and a specified amount of deactivated processing capacity (iCOD components).

These release notes will provide you with the most recent information on new features and changes for version B.06.00 of the iCOD software product.

### iCOD Product Overview

There are two iCOD products associated with HP's On Demand Solutions program:

- **Original iCOD** (HP product number: B9073AA): These are all of the iCOD software versions prior to B.06.00 (for example, B.05.00). In these versions the iCOD software was licensed and e-mail connectivity was required.
- **Codeword iCOD** (HP product number: B9073BA): This is iCOD software version B.06.00. In this version, codewords are used to license iCOD components.

You will find only iCOD version B.06.00 (B9073BA) information in these release notes. For information relating to the HP On Demand Solutions products, refer to the following HP web site (under **network and systems management**): [docs.hp.com](http://docs.hp.com)

### Most Recent iCOD Version

At the time of publication, iCOD version B.06.00 is the most recent version.

## Locating iCOD Information

### Locating the iCOD Release Notes

You can find the *Instant Capacity on Demand (iCOD) Release Notes for version B.06.00* in the following locations/media:

- For the most recent information, visit the following HP documentation web site (search for “iCOD release notes”):  
`docs.hp.com`
- Printed (part number B9073-90030) — order from the following HP web site:  
`www.hp.com/products1/unixservers/solutions/icod/index.html`
- September 2003 Instant Information CD
- In the iCOD B.06.00 software product located in:  
`/usr/share/doc/icodRelNotes.pdf`. Note, this is an early version of this document. For the most recent information see the release notes on `docs.hp.com`.

### Locating the iCOD User’s Guide

You can find the *Instant Capacity on Demand (iCOD) User’s Guide for version B.06.00* in the following locations/media:

- For the most current information, visit the following HP documentation web site (search for “iCOD user’s guide”):  
`docs.hp.com`
- Printed (part number B9073-90025) — order from the following HP web site:  
`www.hp.com/products1/unixservers/solutions/icod/index.html`
- September 2003 Instant Information CD
- In the iCOD B.06.00 software product located in:  
`/usr/share/doc/icodUserGuide.pdf`. Note, this is an early version of this document. For the most recent information see the user’s guide on `docs.hp.com`.

## **iCOD Manpages**

- *icod* (5): an overview of the iCOD software
- *icod\_modify* (1M): how to activate and deactivate processors, specify system and configuration information, and apply codewords on iCOD systems
- *icod\_notify* (1M): how to test e-mail connectivity to HP, request a confirmation response e-mail from HP, turn configuration change notification and asset reporting on or off on iCOD systems
- *icod\_stat* (1M): how to display iCOD system status and information
- *icodd* (1M): daemon that provides the iCOD software with complex-wide configuration information on iCOD systems

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## Most Recent iCOD Version and Supported Platforms

**Table 1-1** Most Recent iCOD Version and Supported Platforms

<b>iCOD Software Version</b>	<b>Operating System Version</b>	<b>Supported Hardware Platforms</b>	<b>Notes</b>
B.06.00 (B9073BA)	HP-UX 11i v2	HP Integrity Superdome, rx7620, and rx8620 servers	Available on: <ul style="list-style-type: none"><li>• <a href="http://software.hp.com">software.hp.com</a></li><li>• September 2003 HP-UX 11i v2 Operating Environments (OE) media</li><li>• September 2003 HP-UX 11i v2 Application Software media</li></ul>



# **Major Changes and Features of iCOD version B.06.00**

This chapter covers the following topics:

- “New HP Product Number for iCOD B.06.00” on page 14
- “iCOD Software is Always Installed” on page 14
- “Additional Dependencies for iCOD B.06.00” on page 14
- “iCOD Software Availability on Media” on page 15
- “Support for iCOD on Itanium-based Servers” on page 15
- “Codeword Licensing” on page 16
- “icodd Daemon” on page 16
- “E-mail Connectivity Requirements” on page 17
- “Exception Reports” on page 17
- “TiCOD Projected Expiration Notification” on page 17
- “icod\_modify Command Changes” on page 18
- “icod\_notify Command Changes” on page 18
- “icod\_stat Command Changes” on page 18
- “Test Activation Policy Change” on page 18

The following documentation is only a summary of the iCOD B.06.00 major changes and features. See the *Instant Capacity on Demand (iCOD) User's Guide for version B.06.00* for in-depth details of a specific topic.

The user's guide is available from the HP web site:

**<http://www.docs.hp.com>** (search for “iCOD user's guide”).

## **New HP Product Number for iCOD B.06.00**

The HP product number for the iCOD version B.06.00 software is B9073BA.

In previous versions of iCOD the HP product number is B9073AA.

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## **iCOD Software is Always Installed**

The iCOD version B.06.00 software is always installed (non-deselectable) when the HP-UX 11i v2 operating environment (OE) is installed.

You should not remove the iCOD version B.06.00 software that is installed on an iCOD partition.

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## **Additional Dependencies for iCOD B.06.00**

The iCOD version B.06.00 software has the following additional dependencies:

- NPar bundle
- WBEM B8465BA bundle

Your iCOD 6.0 system will be ordered and shipped with the above software bundles installed. In the event your iCOD system's operating system is re-installed or installed with Ignite-UX, ensure that the above software bundles are installed.

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## **iCOD Software Availability on Media**

For the release of HP-UX 11i v2, the iCOD version B.06.00 software is available from the following media:

- HP-UX 11i v2 Operating Environment (OE) media (DVD)
- HP-UX 11i v2 Application Software media (DVD)

The iCOD version B.06.00 software is also available from the HP software depot web site: <http://software.hp.com> (search for “iCOD”).

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## **Support for iCOD on Itanium-based Servers**

iCOD version B.06.00 provides support on Itanium-based servers running HP-UX 11i v2. The following hardware platforms are supported:

- HP Integrity Superdome (sd16a, sd32a, sd64a)
- rx7620
- rx8620

## Codeword Licensing

With iCOD version B.06.00, each individual iCOD component is licensed by the application of a codeword with the `icod_modify` command. An iCOD component is a processor, cell board, or memory.

After the iCOD component has been purchased, an iCOD codeword is available for retrieval from the iCOD web portal (<http://www.hp.com/go/icod/portal>).

An iCOD component becomes fully licensed with HP after a codeword for it has been applied.

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### IMPORTANT

You must apply a codeword prior to activating newly licensed processors with the `icod_modify` command.

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## icodd Daemon

New for iCOD version B.06.00 is the `icodd` daemon. The `icodd` daemon is installed and started on all potential iCOD systems and re-spawns itself if killed.

The `icodd` daemon provides complex-wide configuration information to the iCOD software. It also performs routine iCOD software tasks at noon and midnight on a daily basis.

## E-mail Connectivity Requirements

In prior versions of iCOD (for example, version B.05.00) e-mail connectivity to HP was required. With iCOD version B.06.00, e-mail connectivity to HP is required only if you are using (or plan to use) temporary capacity (TiCOD).

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## Exception Reports

The iCOD version B.06.00 software sends exception reports (via e-mail) for the following conditions:

- more cells active than expected
- more memory active than expected
- more processors active than expected
- negative temporary capacity (TiCOD) balance

The above reports will be e-mailed to the `root` mail box, and to the `system-contact` (if specified), on the partition with the exception. The above conditions are also written to the system log files.

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## TiCOD Projected Expiration Notification

If you are utilizing temporary capacity (TiCOD), and the TiCOD balance is projected to expire in less than 5 days, the iCOD version B.06.00 software sends an e-mail notification stating the projected expiration date and time.

The expiration notification is calculated using the current TiCOD consumption rate. It is sent to the `system-contact`, if specified, and to `root` on every partition in the complex.

## **icod\_modify Command Changes**

With iCOD version B.06.00, the `icod_modify` command has changed due to the deletion and addition of various `icod_modify` command options. See the *icod\_modify* (1M) manpage for details of the `icod_modify` command.

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## **icod\_notify Command Changes**

With iCOD version B.06.00, usage of the `icod_notify` command has changed. It now requires a reply e-mail address as an argument. See the *icod\_notify* (1M) manpage for details of the `icod_notify` command.

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## **icod\_stat Command Changes**

With iCOD version B.06.00, the `icod_stat` command's output has changed due to the removal of the `-u`, `-p`, and `-v` options. See the *icod\_stat* (1M) manpage for details of the `icod_stat` command.

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## **Test Activation Policy Change**

With iCOD version B.06.00, you must utilize temporary capacity (TiCOD) if you are planning on testing the activation of an iCOD processor.

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