



High Load Capture for Oracle Version 1.0.0.1

Release Notes

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1. Welcome to Load Capture for Oracle

Load Capture is a powerful load data capture and analysis tool for Oracle databases and UNIX/Windows servers. Its unique analytical capabilities and interface provides you with a clear visualization and root cause of activity on your database drilled down to the sub-second level. Intuitive User Interface clearly visualizes captured performance metrics that caused changes in performance on a single or multiple databases and servers.

2. System Requirements

You should verify that your system meets the following requirements before attempting to install and run Load Capture for Oracle.

Hardware requirements

Load Capture Agent

- **50 megabytes of free disk space** In general, 15 megabytes of data should be allocated for every data capture connection (default setting is to retain 3 generations of 5 Megabyte size capture files per data capture connection).
- **Sun SPARC or Linux (x86) Server**
- **19 megabytes of RAM (minimum)**

Load Capture Analysis Console

- **A Pentium-based or equivalent PC**
- **50 megabytes of free disk space** should exist on a local disk drive rather than a network drive. Extra disk space will be required if you choose to save reports and graphs created from within Load Capture Analysis Console.
- **A monitor capable of supporting a resolution of 800x600 or larger.** Load Capture Analysis Console is designed to run on a desktop area of 800 by 600 pixels or larger. It is best viewed on a desktop area of 1024 by 1024 pixels. You should also set the display to use the 32bit color palette.
- **256 megabytes of RAM (minimum).** 256 megabytes is generally adequate unless many other applications are running.
- **A CD-ROM drive or Internet connection.** Load Capture can be downloaded from the Internet or installed from compact disc. The CD-ROM drive should be attached to the PC on which Load Capture is to be installed. A drive mapped to a network device could be used if a local CD-ROM is not available.
- **A printer (optional).** Load Capture reports can be printed on a laser or bubble jet printer. You can print graphs in color if your printer provides this capability.
- **A mouse.** To access all the features of Load Capture you should have a mouse installed on your PC.

Software requirements

Load Capture Agent

- Sun Solaris 8, Solaris 9, Solaris 10, Red Hat Linux 7.x, 8.x, 9.x (2.4 kernel), SUSE Linux 7.0, 8.0, 9.0 (2.4 kernel) , Windows NT/2000/2003
- Oracle 8.x.x, Oracle 9.x.x, Oracle 10g. You must have the Database user ID and password for the database you plan to capture data from.

Load Capture Analysis Console

- **Windows 2000, Windows 2003 Server, Windows XP Professional, Linux Red Hat or Linux SuSe**

The following specific requirements exist:

- Windows 2000. Service Pack 4 (or later) must be installed.
- Windows XP. Service Pack 1 (or later) must be installed.
- Red Hat Linux 7.x, 8.x, 9.x (2.4 kernel)
- SUSE Linux 7.0, 8.0, 9.0 (2.4 kernel)

Adobe Acrobat 6.0 A copy of the Load Capture for Oracle Getting Started Guide is included on the Load Capture installation in portable document format (PDF). You must install Adobe Acrobat Reader version 6.0 or later to view the PDF files. Adobe Acrobat reader is available on the Adobe web site at:

<http://www.adobe.com/>

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3. Installing Load Capture for Oracle

Load Capture for Oracle 1.0.0.1 is provided bundled with DBA HeartBeat for Oracle as a stand-alone installer.

Installation of Load Capture for Oracle

This procedure outlines how to install Load Capture Analysis Console on your PC, and should only take a few minutes to complete. Close all other applications before loading the CD into your PC. You can cancel the installation at any time by pressing the **Esc** key or by clicking the **Cancel** button.

To install Load Capture for Oracle

1. Insert the DBA HeartBeat CD into your CD-ROM drive or download DBA HeartBeat installer from the URL provided by representative of DBA InfoPower Inc.

Depending on your system's configuration, the installation program may start automatically. If this happens, follow the instructions on the screen to complete the installation.

2. If the installation program does not start, select **Run** from the Windows Start menu.
3. Type **d:\dbaip_phb_201.exe** (where **d:** is the CD-ROM identifier and **201** is the version number), and click **OK**.
4. Follow the instructions displayed on the screen.

By default, Load Capture for Oracle is installed into the following directory, though you can choose a different installation path.

C:\Program Files\DBAip_Proactive_HeartBeat

Multiple installations of Load Capture for Oracle

The advanced Load Capture installer allows you to install and separately upgrade multiple versions of Load Capture for Oracle on your computer.

To install Load Capture Agent for Oracle

1. Create directory under server account that would hold data, collected by Load Capture Agent
2. Copy Load Capture Agent binary module from the "Load Capture installation directory"\bin\<PLATFORM> to the directory created in step 1.

For Example: to copy Sun Solaris SPARC agent, use file \$LC_INSTALL/bin/SUN/DBActDC, where DBActDC is the name of an agent

4. Launching Load Capture for Oracle

Launching Load Capture Analysis Console

Load Capture for Oracle is launched via the DBA HeartBeat Console.

To launch Load Capture Analysis Console:

Via Start menu:

DBAip Proactive HeartBeat> DBAip Proactive HeartBeat



Select “Manage”->”Load Capture Manager” to open Load Capture Analysis Console



Launching Load Capture Agent

To launch Load Capture Agent:

Via command line:

```
.$LC_HOME/DBActDC -conf=<connection_configuration_file.cfg>
```

Authorizing Load Capture for Oracle

If you are a new user of Load Capture for Oracle, you will be supplied with a trial period in order to test the product. When the trial period expires, Load Capture for Oracle will stop functioning.

To maintain full functionality, contact your DBA InfoPower Software representative for information on obtaining a full licensed version. For further information see “Product authorization errors” in the *Load Capture for Oracle User Guide*.

Load Capture for Oracle database users and objects

Load Capture does not install any database objects into user database. No special database user needs to be created. The *Load Capture for Oracle User Guide* tells you what database user access rights needed to be utilized by Load Capture for Oracle.

Setting up remote access to a database machine

Both Tnsnames connections and JDBC thin/OCI connection can be used to connect to remote databases. When Load Capture for Oracle is connected to one or many databases, you can use the information on the Load Capture Quick Tasks and drilldown root cause analysis sections to diagnose Oracle databases.

Downloading Upgrades from the Internet

From time to time, DBA InfoPower, Inc. may make upgrades and patches available on the Internet. Upgrades will be made available from the DBA InfoPower web site at www.dbainfopower.com. Instructions for downloading and installing upgrades are provided on the web site.

Uninstalling Load Capture for Oracle

To uninstall Load Capture for Oracle use the **Add/Remove Programs** option in the Windows **Control Panel** in the Start menu that appears when you click the **Start** button.

5. Performance Notes

The following issues and limitations are known to exist in this release of Load Capture for Oracle. They are listed in below several sub-sections:

Operating System notes

Failure to startup Load Capture after successful install.

Load Capture may fail to startup if during the installation process user chooses not to install provided JRE (Java Runtime Environment). It is strongly recommended to use JRE packaged with Load Capture.

6. International Operation

This section contains information about installing and operating this product in non-English or non-ASCII configurations. This section does not replace or change the materials about supported platforms and configurations found elsewhere in the product documentation.

This product is not enabled for international operation. Only U.S. English configurations of this product and U.S. English datasets are fully supported. Non-ASCII characters and/or non-English configurations may work appropriately, but they have not been tested and this product should be used with caution in these environments. For specific support information, contact DBA InfoPower customer support.

7. For more information . . .

Other document sources

The online help can be displayed by selecting an option from the **Help** menu, by clicking a Help button, or by pressing **F1**. Comments and suggestions regarding the help are welcome.

Contacting DBA InfoPower

The development team welcomes any comments on the new features of this release, and information on any other problems/limitations found in the product that are not listed in the **Performance Notes** section. Send email to support@dbainfopower.com

You can contact DBA InfoPower for product information and support issues via the following web page or email addresses.

DBA InfoPower product information

Web page
<http://www.dbainfopower.com>

E-mail to Sales & Marketing:
sales@dbainfopower.com

Contacting customer support

Web page
http://www.dbainfopower.com/dbaip_support.php

E-mail to Support:
support@dbainfopower.com

Technical Support

If you have questions about using Load Capture, please contact our technical support staff. Please include the version number, and if your question is about an error message, include the error text as well.

Should you encounter any problems with Load Capture, follow these steps:

- Copy content of the Load Capture execution console to the diagnostics text file..
- Capture picture of an error to the image file
- Copy content of the Load Capture error dialog to the diagnostics text file.
- E-mail these files to support@dbainfopower with your request for assistance.