

dbWatch

database control



DBWATCH 9.2 UPGRADE GUIDE

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1 About

About This Guide

This is the Upgrade Guide for the dbWatch 9.2 software. Its purpose is to ensure the proper upgrade of the software from version 9.0/9.1.

Who Should Read This Guide

Any technical personnel who are planning upgrade dbWatch 9.0 or 9.1 should read this guide.

Related Documentation

This document covers the upgrade of the software. There are several documents that cover day to day usage, setup and advanced features:

Documentation is available on <http://www.dbwatchsoftware.com/Support-Docs>

CHAPTER

2 Prerequisites

The only prerequisite is a functional dbWatch 9.0.x or 9.1.x installation.

3

Server Installation

Download & Install

First download the dbWatch 9.2 installer from www.dbwatchsoftware.com

Stop the dbWatch 9.x Server process.

Run the dbWatch 9.2 installer. The executable will be either `dbwatch_windows_9_2.exe` on the Windows platform or `dbwatch_unix_9_2.sh` on the UNIX/Linux platform. The installer is straight forward, just follow the instructions. We recommend installing the 9.2 version in a different catalog than the 9.x installation. This ensures that a complete backup of the 9.x software is kept, and there will be no accidental overwrites of custom tasks / checks or reports. (If you do install 9.2 directly over the 9.x installation, take a backup first!)

When the installer is complete, there are a few manual steps that must be taken, the number depends on the amount of customization performed in dbWatch 9.x.

Required Manual File Copy

Copy the following files from the dbWatch 9.x root catalog to the dbWatch 9.2 root catalog.

- `server_configuration.xml`
- `server.xml`

Possible Manual File Copy

When: If you did not insert your correct license during the dbWatch 9.2 installer.

What: Copy the `[dbWatch 9.x]/server/license` catalog to `[dbWatch 9.2]/server/license`

When: If you have created your own custom reports.

What: Copy the custom report files from the `[dbWatch 9.x]/server/report_templates/` catalog to the `[dbWatch 9.2]/server/report_templates/` catalog.

When: If you have created your own custom Tasks or Checks.

What: Copy the custom tasks/check files from the [dbWatch 9.x]/server/engines/tasks/ catalog to the [dbWatch 9.2]/server/engines/tasks/ catalog.

When: If you have uploaded custom graphics for reports.

What: Copy the [dbWatch 9.x]/server/resources/reports/ catalog to [dbWatch 9.2]/server/resources/reports/

All the required files should now be available to the dbWatch 9.2 installation, so you can start the server process.

4

Monitor Installation

Note: Upgrading the dbWatch Monitor explicitly is only necessary if you have a distributed environment with the dbWatch Monitor running on a different computer than the dbWatch Server. If this does not apply to you, skip ahead to the next chapter.

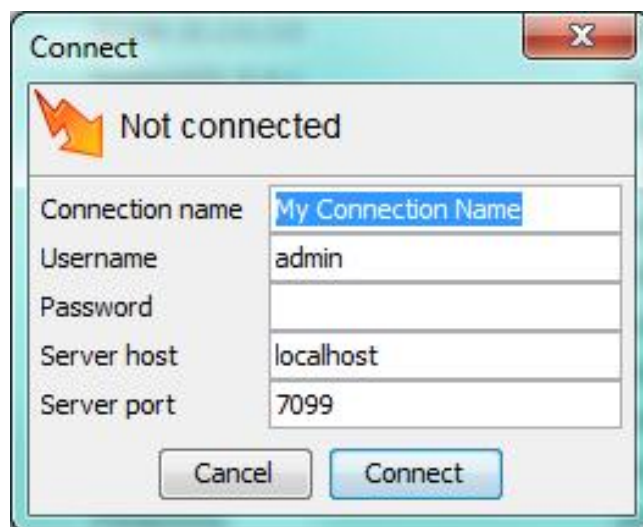
Upgrading the dbWatch Monitor from 9.x to 9.2 is semi automatic.

Start the dbWatch 9.x Monitor and connect to the dbWatch 9.2 Server. You will then notified that a new version of the dbWatch Monitor is available and given a choice of upgrading. Click yes, and a installer will be downloaded and launched.

Follow the instructions in the installer, selecting to install the dbWatch Monitor.

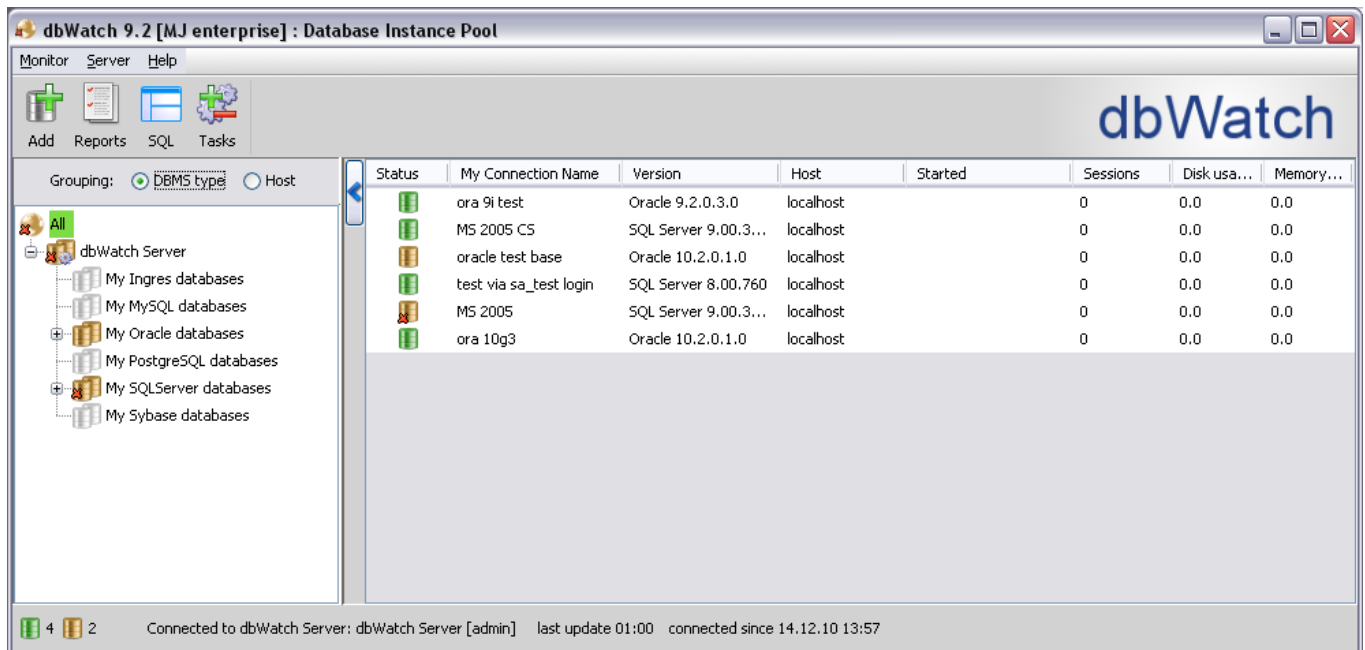
Once the installer is complete, you can then start the new dbWatch 9.2 Monitor.

When the dbWatch 9.2 Monitor starts for the first time, you will be prompted to enter the Server connection details.



Fill out the required information and click connect.




When the Monitor connects, you will see a screen resembling this:



As you can see, some of the usual information is missing from the main instance view (Started, Sessions and so on). To rectify this, continue to the next chapter.

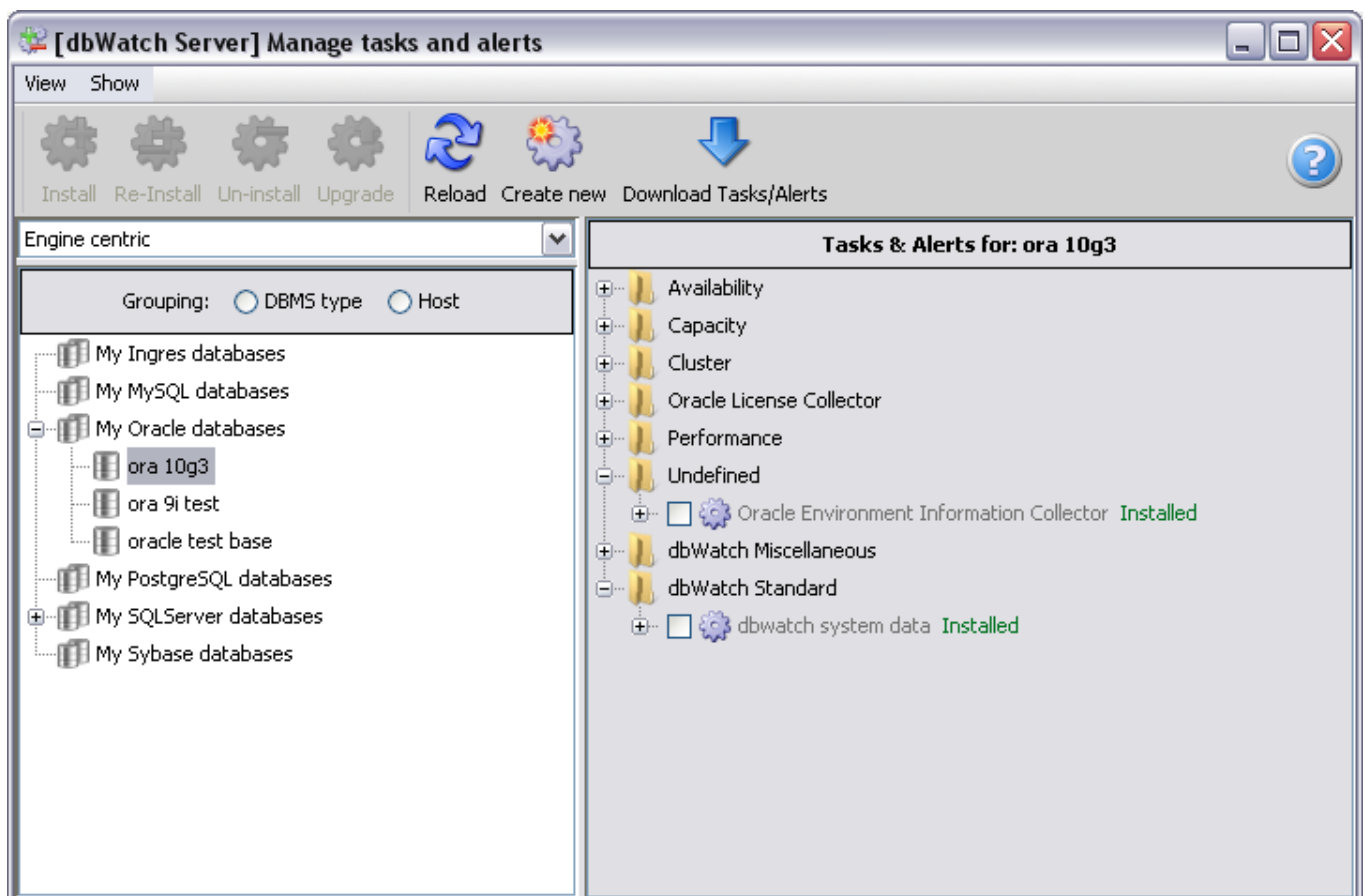
5 Task & Alert Upgrade

In order to function properly dbWatch 9.2 needs to upgrade some of the Tasks & Alerts.

Click on the  icon on the main toolbar. This will bring up the  view. On the left hand side, select  in the drop down menu.

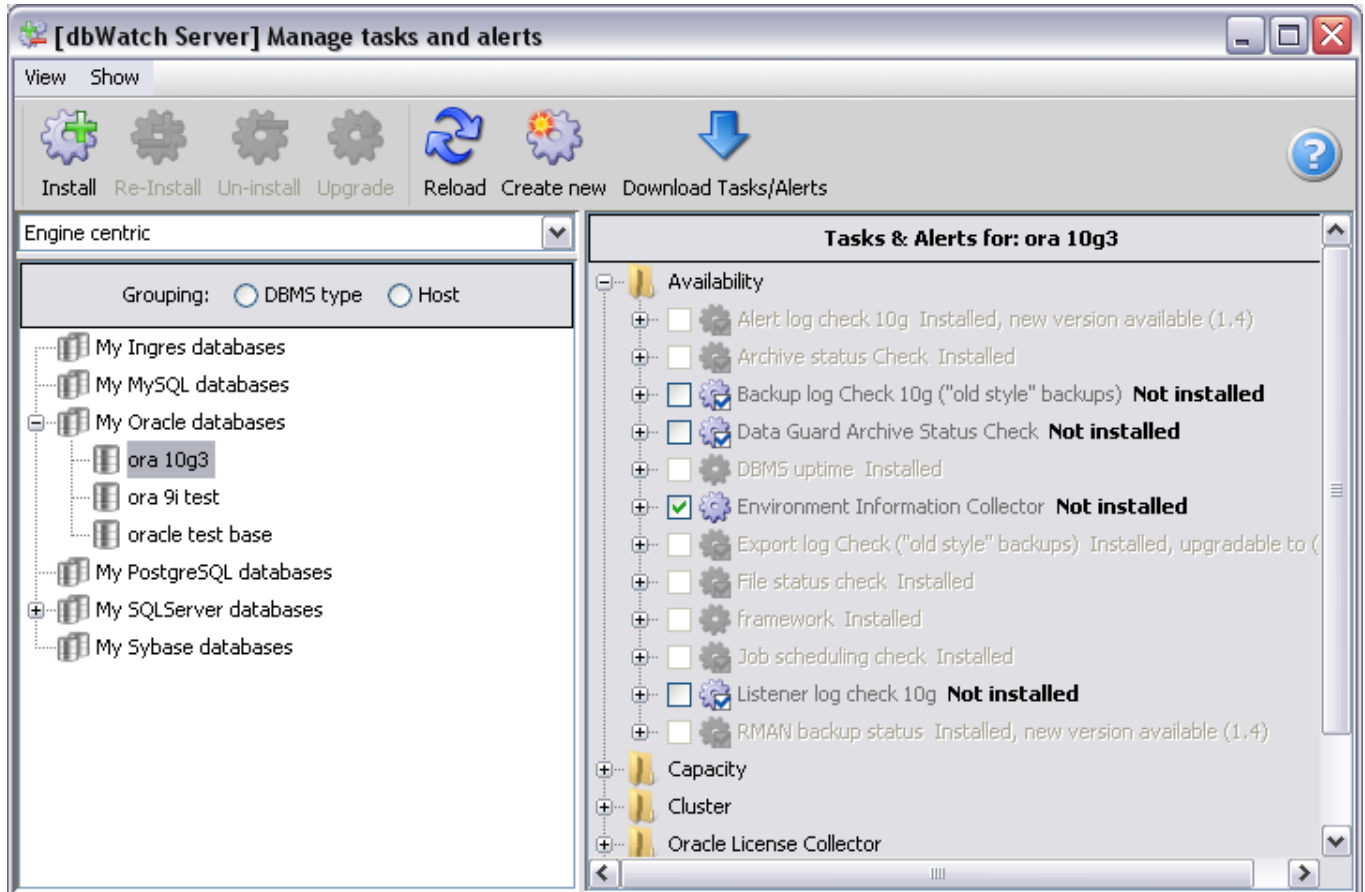
Oracle upgrade

Select the Oracle instance you wish to upgrade. You should then see something like the following:

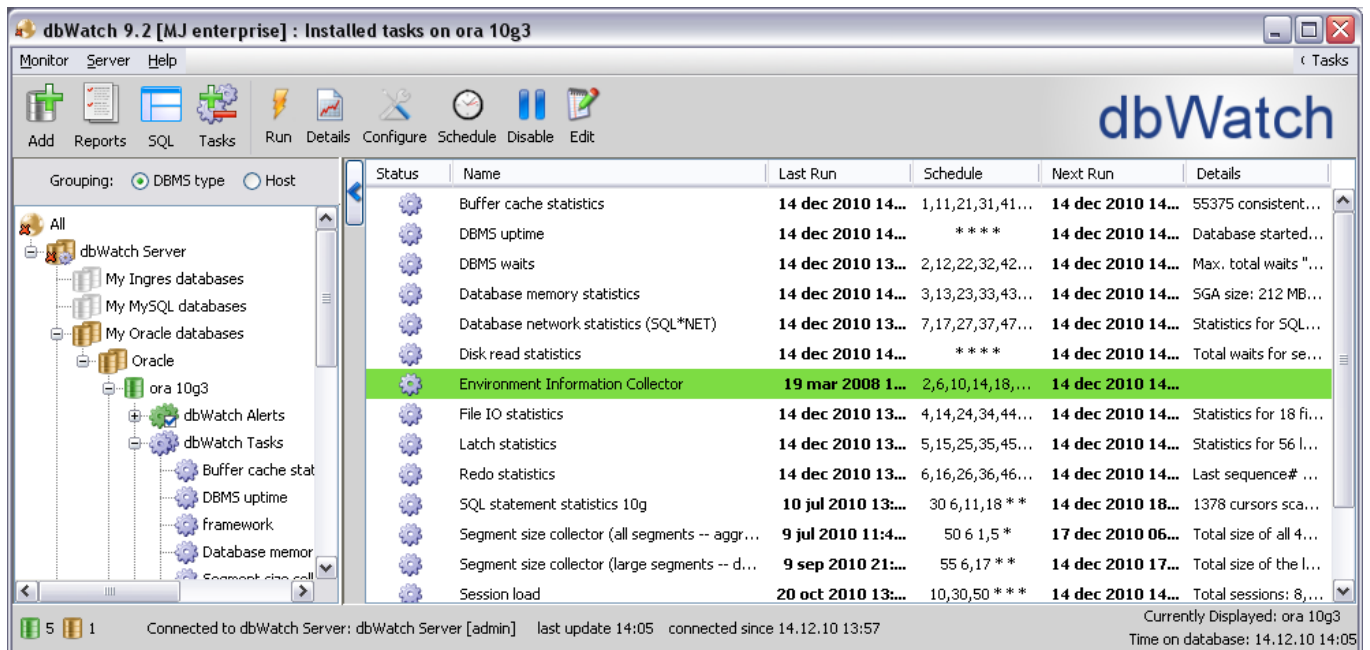


First select and uninstall (if present) the *dbwatch system data* task and the *Oracle Environment Information Collector* tasks.

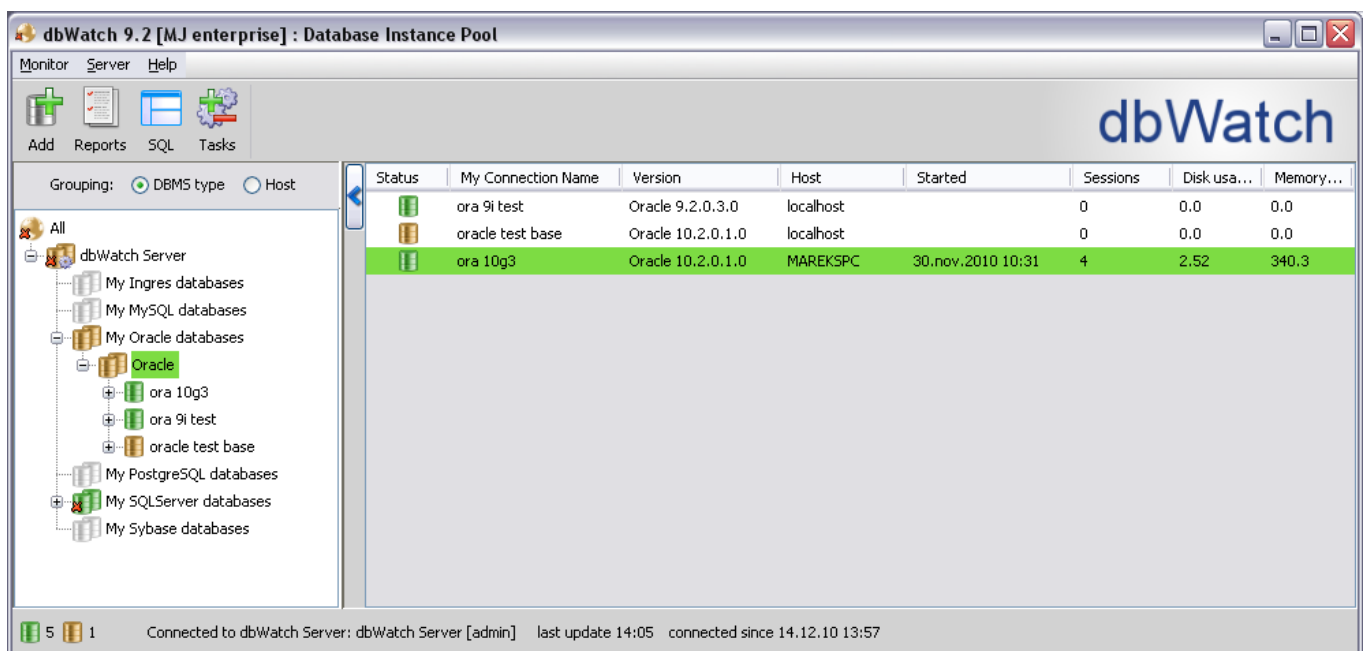
Then open the Capacity package, and select and install the *Environment Information Collector* task.



If you (in the main view) navigate to the task list for this instance, you will now see that the task is installed.



Select it, and click “Run”. After a little while (less than a minute) you will see that the information for this instance is shown correctly in the main view.

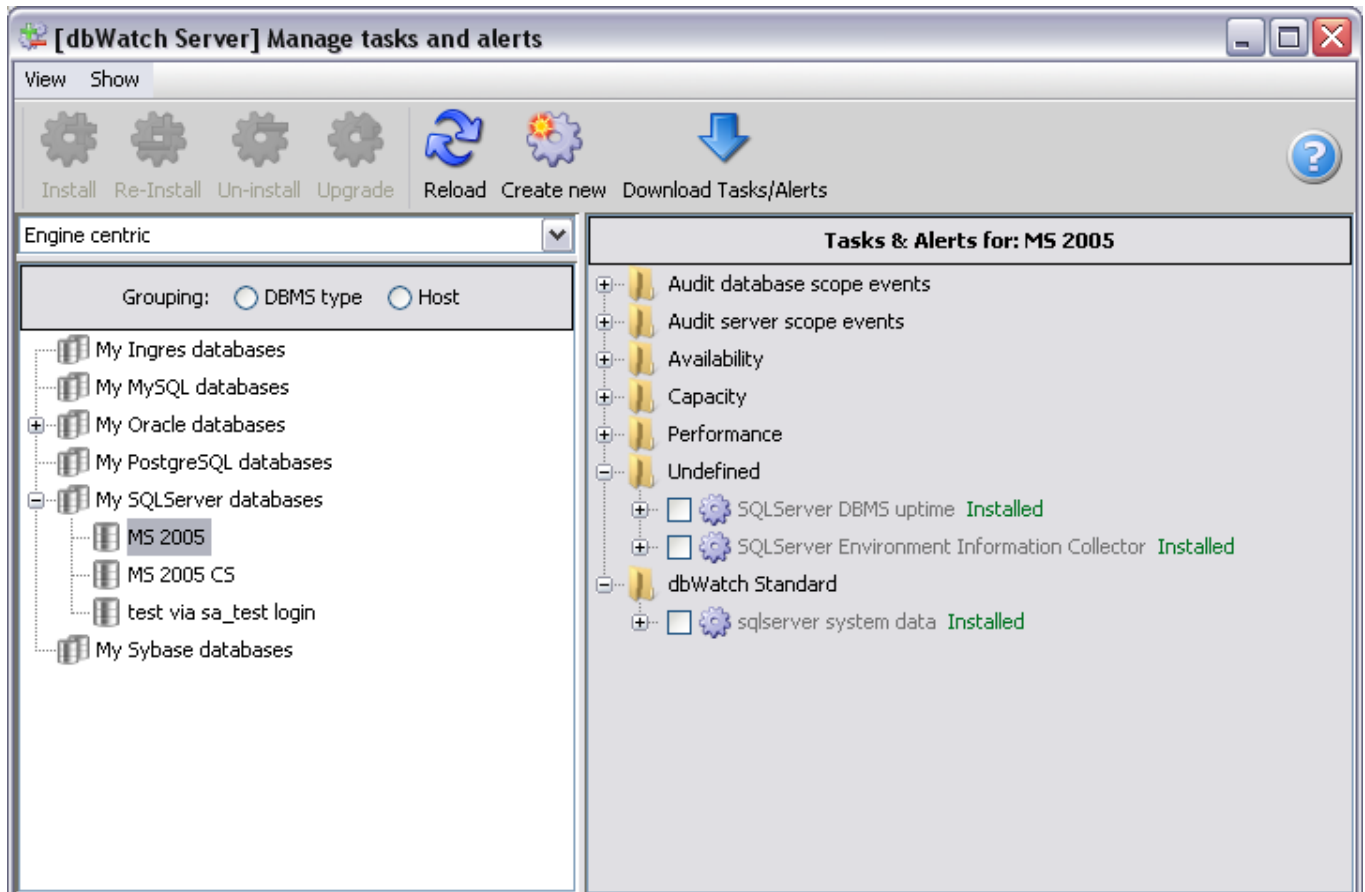


In addition to the **Environment Information Collector** task, you will see that there are a number of tasks & alerts in the Manage Tasks & Alerts view that are marked with **upgradable** or **new version available**. You should also upgrade or reinstall all these in order to take advantage of all the new functionality of dbWatch 9.2.

This procedure should then be repeated for all the monitored Oracle instances.

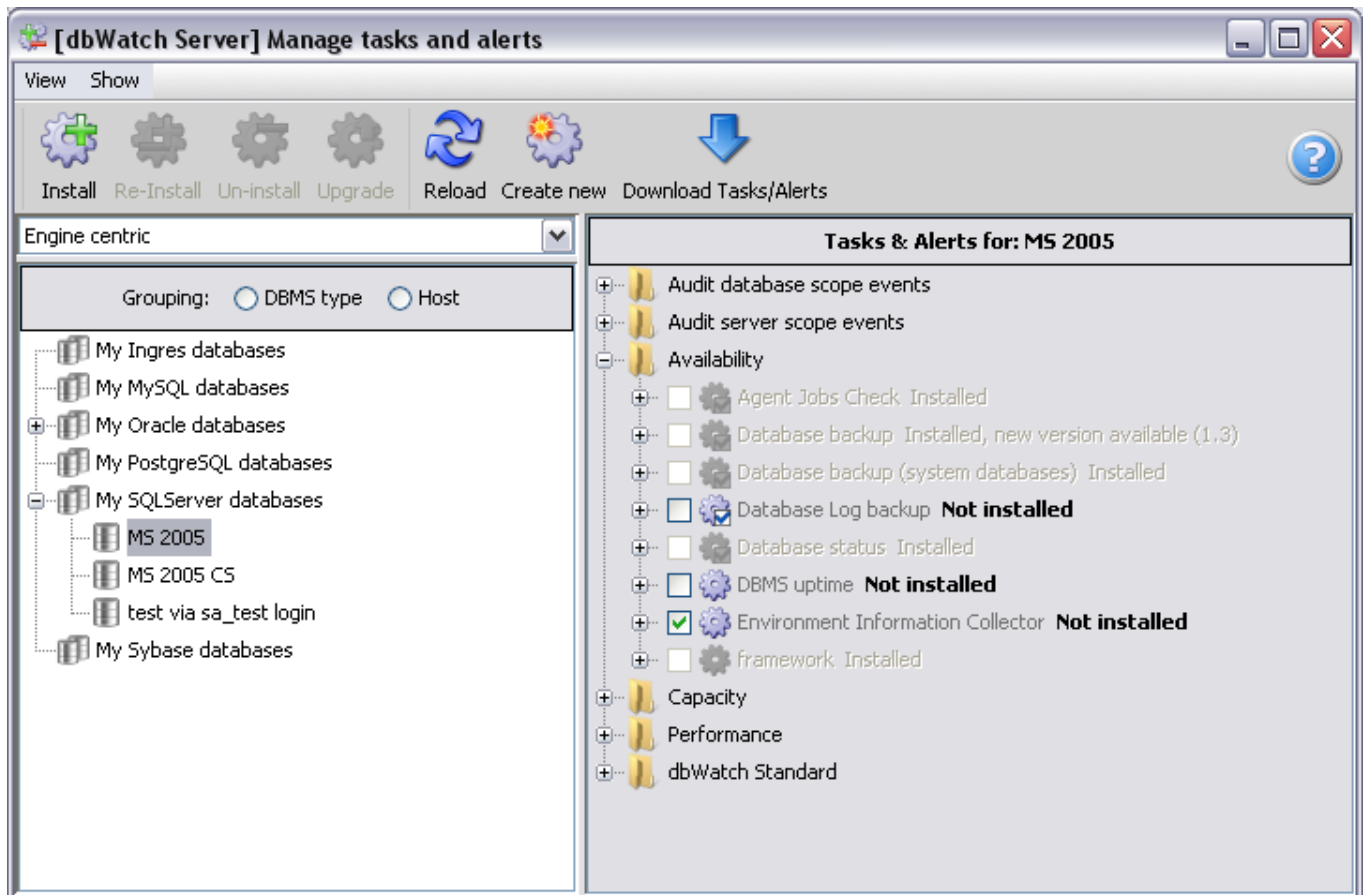
MS SQLServer Upgrade

In the Manage Tasks & Alerts view, select the SQLServer instance you wish to upgrade. You should then see something like the following:

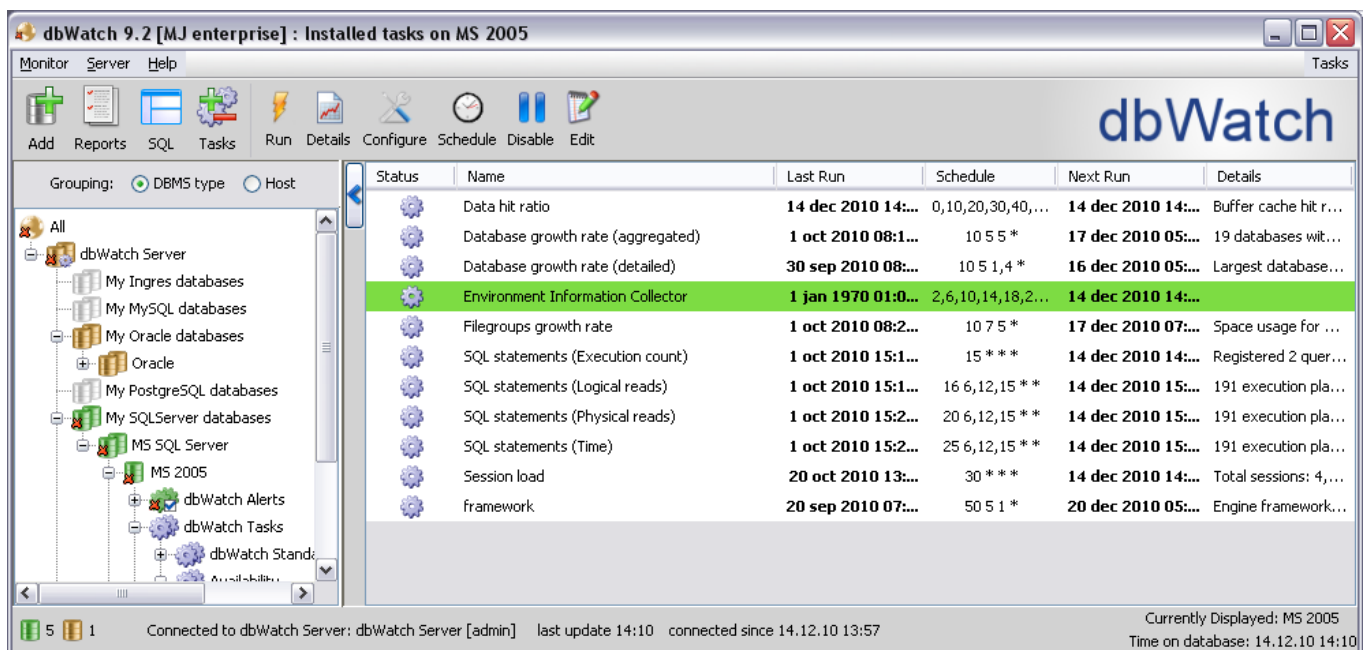


Select and uninstall(if present) the **SQLServer DBMS Uptime**, **SQLServer Environment Information Collector** and **sqlserver system data** tasks.

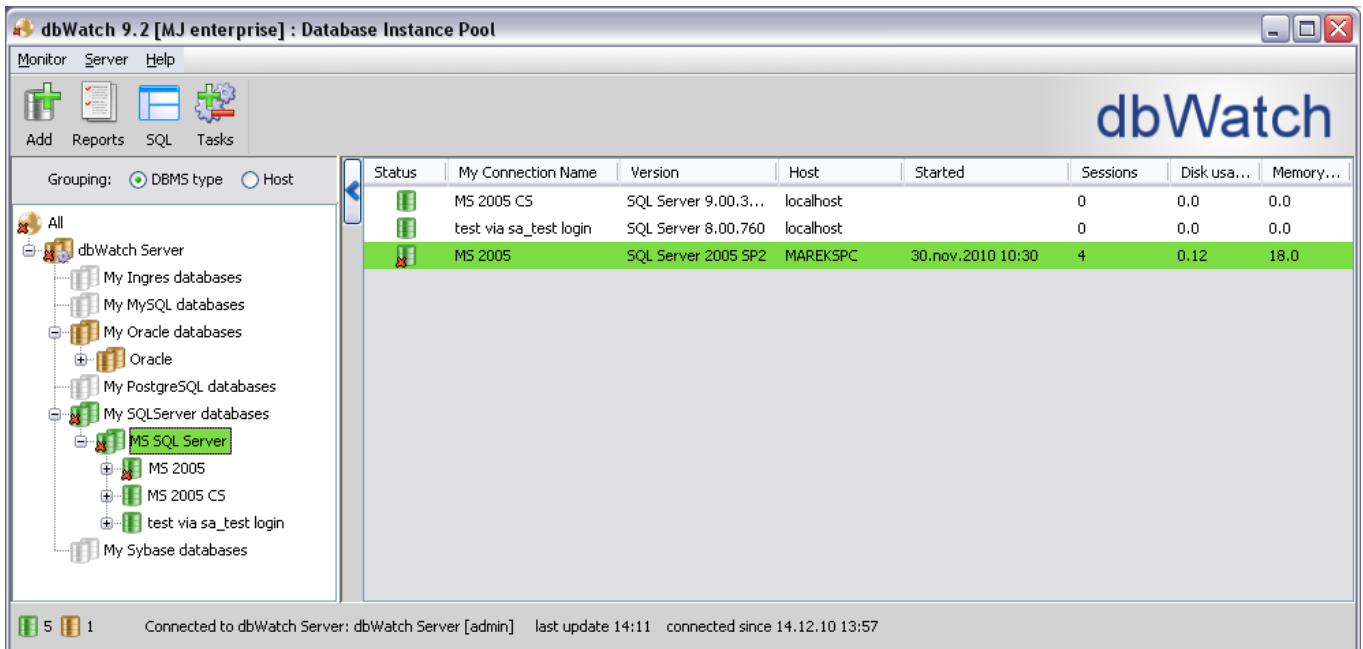
Then open the Availability package, and select and install the **Environment Information Collector** task.



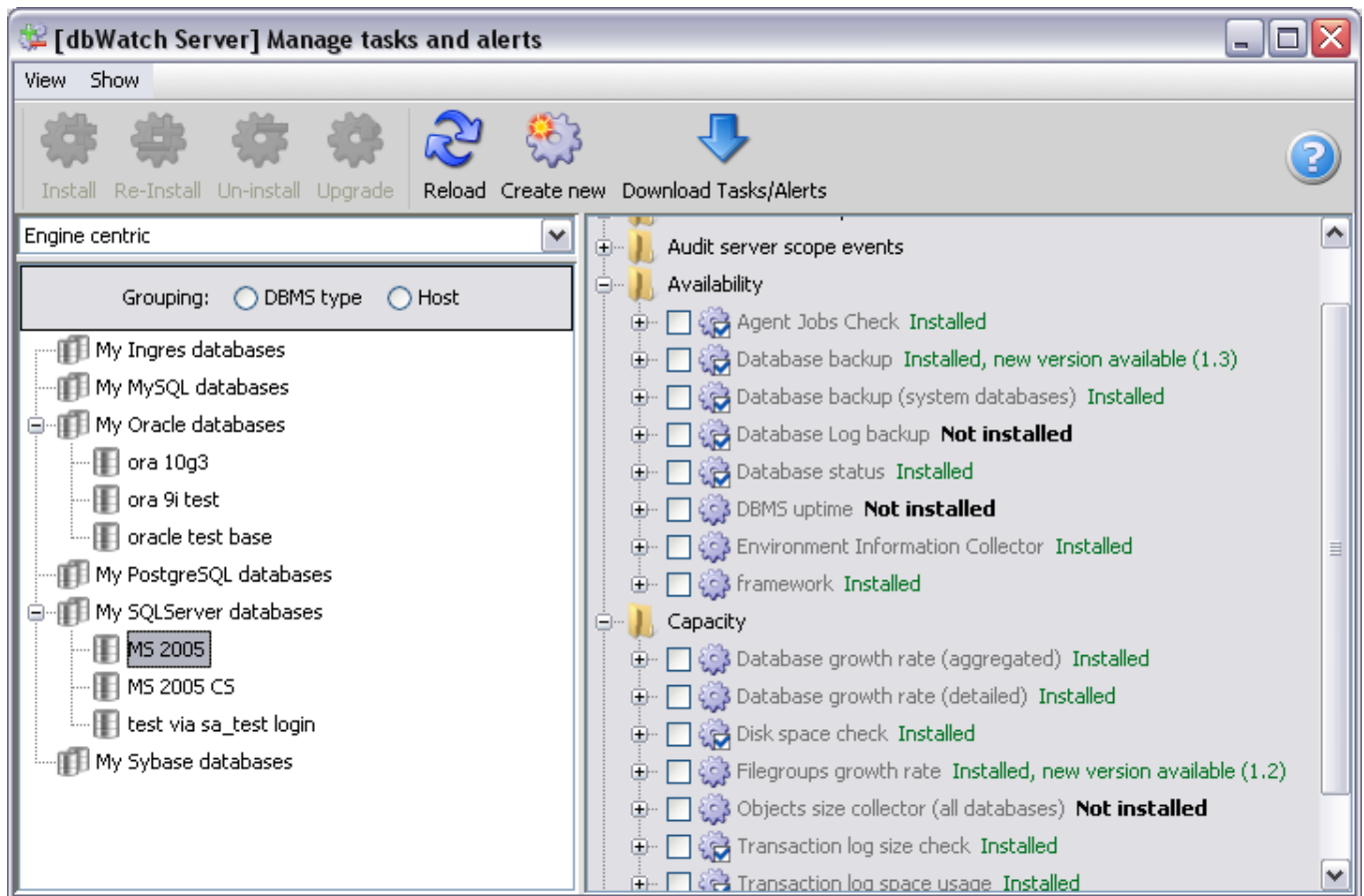
If you (in the main view) navigate to the task list for this instance, you will now see that the task is installed.



Select it, and click “Run”. After a little while (less than a minute) you will see that the information for this instance is shown correctly in the main view.



In addition to the **Environment Information Collector** task, you will see that there are a number of tasks & alerts in the Manage Tasks & Alerts view that are marked with **upgradable** or **new version available**. You should also upgrade or reinstall all these in order to take advantage of all the new functionality of dbWatch 9.2.



This procedure should then be repeated for all the monitored MS SQLServer instances.