



# IBM Tivoli Training Netcool/Proviso *Version information*



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This IBM Education Assistant module demonstrates obtaining Netcool/Proviso<sup>®</sup> component version information.

## Objectives

Upon completion of this module, you should be able to:

- Use specific commands to gather selected version information
- Identify when version information is useful

Upon completion of this module, you should be able to:

- Use the appropriate command to gather all version information
- Use specific commands to gather selected version information

## Assumptions

Before issuing commands:

- You must have Netcool/Proviso 4.3.4, or later, installed and running
- You have access to the servers in the Proviso installation and login access to the Proviso user for each component

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## Version information from Proviso GUI

Using Proviso GUI tools to gather version information requires you to open multiple windows and does not provide a method for exporting the information.

The screenshot displays the Proviso GUI interface. On the left, the 'Collector Information' window shows the 'Version: 4.4.3.0.3' circled in red. The central pane shows a tree view of the system configuration, including 'Proviso Version' and 'DataMart'. On the right, the 'Application Packs (AP)' window lists various components and their versions, with '4.3U Bundle: 1.1.1' circled in red. Below this, a 'Product Information' window for 'Netcool/Proviso DataMart' shows 'Version 4.4.3 : R0 E13' circled in red.

Partial version information for Netcool/Proviso components can be found in the Proviso GUI, specifically the monitor tab. Both the Collector Information and Database Information windows contain version information. However, you will need to open multiple windows, and there are no provisions for exporting the data.

## DataLoad CLI information using showVersion

```
dlsmp11
$ cd /opt/dataload/bin
$ ls -l showVersion
-r-xr-x--- 1 pvuser  staff      1682 Jun  1  2008 showVersion
$ ./showVersion|more
PRODUCT VERSION : 4.4.3.0

Binaries :
/opt/dataload/bin/bofDump           4.4.3.0-73
/opt/dataload/bin/confReload       4.4.3.0-73
/opt/dataload/bin/dbRep            4.4.3.0-73
/opt/dataload/bin/formGet         4.4.3.0-73
/opt/dataload/bin/pvCrypt         4.4.3.0-73
```

The showVersion command can be issued on DataLoad servers. The command is located in the dataload bin directory. The command outputs the version numbers of the component parts of the dataload.

## DataLoad CLI information using dialogTest2

```
dlsrmp11
$ cd /opt/dataload/contribs
$ ls -l dialogTest2
-r-xr-x--- 1 pvuser  staff   1534188 Jun  1  2008 dialogTest2
$ ./dialogTest2 version|more
PV_DL_Sun0S.sparc.Ginger.73
Version:  4.4.3.0 Sun0S.sparc (App Ginger.186.6: Lib Ginger.73 build)
Comment:  automatic rollup on 080528 1916
Compiled: Sun Jun  1 20:05:46 EDT 2008 on cme4 by srobin
$
```

An additional dataload command can be used to obtain version information. It is in the dataload contribs directory. The command is dialogTest2 and is used with the version option.

## DataChannel CLI information using showVersion

```
dcserver1
$ cd /opt/datachannel/bin
$ ls -l showVersion
-rwxr-xr-x  1 pvuser  staff      763 Jun  2  2008 showVersion
$ ./showVersion|more
PRODUCT VERSION: 4.4.3.0

Binaries :

Libraries :
/opt/datachannel/bin//opt/datachannel/bin/dc.im 4.4.3.0-186.6
$
```

The showVersion command can also be issued on DataChannel servers. The command is located in the datachannel bin directory. The command outputs the version numbers of the component parts of the datachannel.

## DataMart CLI information using showVersion

```
goliathDM
$ cd /opt/datamart/bin
$ ls -l showVersion
-r-xr-xr--  1 pvuser  staff    3608 Apr  6  2004 showVersion
$ ./showVersion|more

PRODUCT VERSION : V4.4.3 R0 E13
COMPILATION NUMBER : 20080615

Binaries :
/opt/datamart/bin/arcget: PV_20080615
/opt/datamart/bin/dbMgr: PV_20080615
/opt/datamart/bin/frozen2oid: PV_20080615
/opt/datamart/bin/snmptrap: PV_20080615

Libraries :
/opt/datamart/lib/Tktable.so: PV_20080615
/opt/datamart/lib/boffileLib.so: PV_20080615
/opt/datamart/lib/libPLT21.so: PV_20080615
```

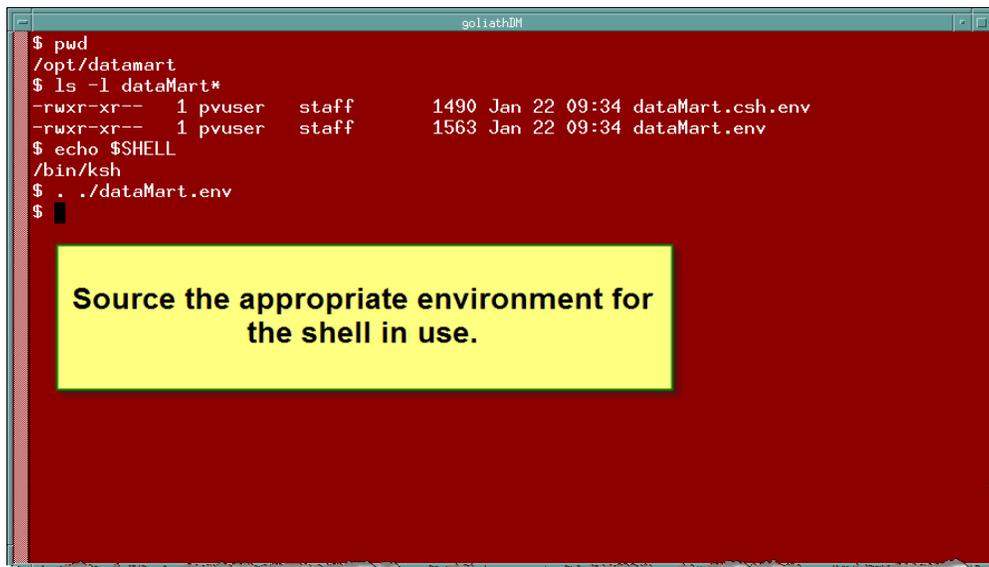
The showVersion command also can be issued on DataMart servers. The command is located in the datamart bin directory. The command outputs the version numbers of the component parts of the datamart.

## DataView CLI information using the version.pvr file

```
dv14east
$ cd /opt/dataview
$ ls -l version.pvr
-rw-r--r--  1 pvuser  staff      27 Jun 25  2008 version.pvr
$ more version.pvr
version 4.4.3.0 build FD4_2
$
```

The DataView servers have a file in the dataview root directory named version.pvr. It contains the version and build number of the dataview installation.

## Source the dataMart.env



```
goliath01M
$ pwd
/opt/datamart
$ ls -l dataMart*
-rwxr-xr-- 1 pvuser  staff    1490 Jan 22 09:34 dataMart.csh.env
-rwxr-xr-- 1 pvuser  staff    1563 Jan 22 09:34 dataMart.env
$ echo $SHELL
/bin/ksh
$ . ./dataMart.env
$
```

**Source the appropriate environment for the shell in use.**

Source the environment before running the dbMgr versionSupportLevelDump command.

## dbMgr versionSupportLevelDump

```
goliathDM
$ cd /opt/datamart/bin
$ ./dbMgr versionSupportLevelDump
-----
result : 0
The version information file is available on the DB server
at the following location:
/opt/oracle/admin/PV/udump/detailed_version_rpt_2009_02_25_15.log
-----
$
```

**The command:**  
**dbMgr versionSupportLevelDump**  
**creates an output file that can be reviewed**  
**and, if need be forwarded to support**

The dbMgr command, located in the DataMart home bin directory, can be used with the versionSupportLevelDump option to provide a detailed report of the version, build, and install date of your Netcool/Proviso components.

The output of the command is placed in Oracle's TNSADMIN/admin/ORACLE\_SID/udump directory (often /opt/oracle/admin/PV/udump).

## dbMgr versionSupportLevelDump output

```

goliathDM
$ cd /opt/oracle/admin/PY/udump
$ more detailed_version_rpt_2009_02_25_15.log

Proviso - Complete Component Version Details - Wed Feb 25 2009 15:34

Application      Version      Build      Component      Registration Date
-----
AP               1.1.1.0     21         4.3U_Bundle    2009.01.22 17:26:2
AP               1.1.1.0     1.1.1.0    AP_REPORTER_WIZARD 2009.01.22 17:24:1
AP               1.1.1.0     1.1.1.0    BASE           2009.01.22 17:23:0
AP               1.1.1.0     1.1.1.0    FRAME          2009.01.22 17:24:2
AP               1.1.1.0     1.1.1.0    METRICS

```

The output of the command provides specific details for every Netcool/Proviso component installed.

If, for example, a user reports missing Cisco environmental information on Netcool/Proviso reports, it would be helpful to know which version of that Technology Pack is installed.

It is also helpful to know what component versions exist before and after installing updates. This tool can be used for monitoring changes to your components.

Running this report after you update Netcool/Proviso components ensures that the install occurred as planned. In other words, the version or component you intended to install is actually installed.

## Version information

Knowing the version of components can assist in:

- Troubleshooting
- Determining installation success
- Verifying component versions

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## Summary

You should now be able to:

- Use the appropriate command to gather all version information
- Use specific commands to gather selected version information

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## Training roadmap for *Netcool/Proviso*

[http://www.ibm.com/software/tivoli/education/edu\\_prd.html](http://www.ibm.com/software/tivoli/education/edu_prd.html)



Copy and paste the link provided into the browser of your choice to explore the training roadmap for Netcool/Proviso.

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