

HP DataProtector to HP SIM Integration Guide

Integrating HP OpenView Storage DataProtector with HP Systems Insight
Manager



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About this guide

This guide provides information about:

- Making the HP OpenView Storage DataProtector GUI accessible from HP SIM.

Related documentation

- . • HP OpenView Storage DataProtector Installation and Licensing Guide
- . • HP OpenView Storage DataProtector Concepts Guide
- . • HP OpenView Storage DataProtector Administrator's Guide

These documents can be found on the HP web site:

<http://www.hp.com/go/dataprotector>

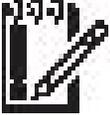
Document conventions and symbols

Table 1 Document conventions

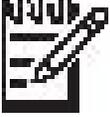
Convention	Element
Medium blue text: Figure 1	Cross-reference links and e-mail addresses
Medium blue, underlined text http://www.hp.com/	Web site addresses
Bold font	<ul style="list-style-type: none">• Key names• Text typed into a GUI element, such as into a box• GUI elements that are clicked or selected, such as menu and list items, buttons, and check boxes
<i>Italics font</i>	Text emphasis
Monospace font	<ul style="list-style-type: none">• File and directory names• System output• Code• Text typed at the command-line
<i>Monospace, italic font</i>	<ul style="list-style-type: none">• Code variables• Command-line variables
Monospace, bold font	Emphasis of file and directory names, system output, code, and text typed at the command line



CAUTION: Indicates that failure to follow directions could result in damage to equipment or data.

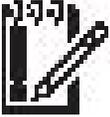


IMPORTANT: Provides clarifying information or specific instructions.



NOTE: Provides additional information.

Installing the DataProtector Tools Menu into HPSIM



As a prerequisite you must have the DataProtector GUI installed on the HP SIM Central Management Server (CMS)!

As of to date the Data Protector GUI supports Windows and HP-UX.

This chapter describes the following:

- ["Step 1 - Modifying the HP DataProtector Tool Definition File"](#)
- ["Step 2 - Registering HP DataProtector tools"](#)
- ["Step 3 - Accessing HP DataProtector"](#)

Step 1 - Modifying the Tool Definition File

HP Storage Essentials is plugged into the HP SIM Tools menu through the HP DataProtector Tool Definition XML (shown in Appendix A).

1. Copy the text in Appendix A and paste it in a text editor.
2. If the Data Protector GUI was not installed at the default path (on Windows C:\Program Files\OmniBack\bin\Manager; on Unix /opt/omni/bin/xomni) then use the editor and alter the line that contains the tag

```
<command command-type= ...> .... </command>.
```
3. When you are done with modifying the file, save the file in a directory of your choice (such as "C:\Program Files\HP\System Insight Manager\tools") with the following name: dataprotector.xml

Step 2 -Registering HP DataProtector tools

To make HP SIM aware of your changes to its menus:

1. Open a command prompt window and go to the following directory:
`cd C:\Program Files\HP\System Insight Manager\tools`
2. Enter the following at the command prompt:
`mxtool -a -f dataprotector.xml`
3. Log out and then back into HP SIM. You do not need to restart HP SIM.

Step 3 - Accessing HP DataProtector

To access HP DataProtector from HP SIM:

1. You should be already logged into HP SIM. If you are not already logged into Insight Manager, do so now.
2. Select **Tools > Data Protector> DataProtector GUI**. (Dependent on the type of OS your HP SIM CMS runs on).

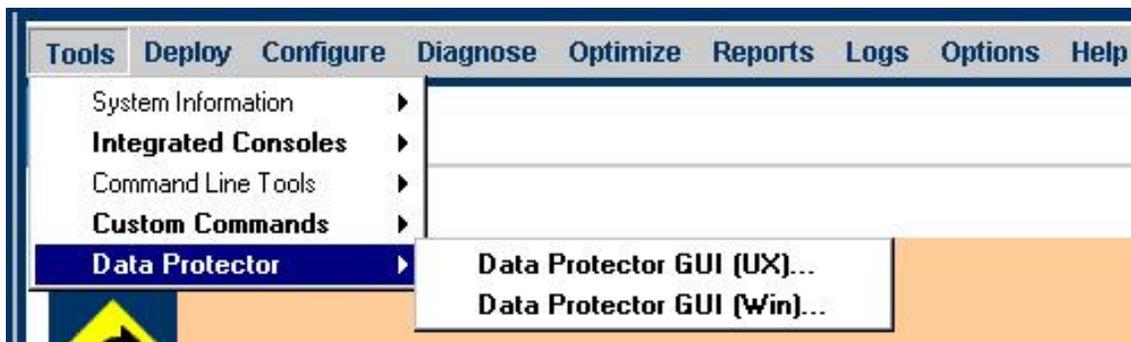


Figure 1 Accessing DataProtector from HP SIM

3. Then the startup screen for HP DataProtector is launched.
4. You can quickly determine the version of the HP DataProtector Integration without leaving HP SIM by selecting **Help > About HP Systems Insight Manager**, as shown in the following figure:

Help
For HP Systems Insight Manager
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For This Page
HP Systems Insight Manager on hp.com
HP OpenView Storage Data Protector on hp.com
HP Forums
HP Plug-in Applications
About HP Systems Insight Manager

Figure 2 The version number for the DataProtector Integration is shown in the **HP Plug-in Applications** table.

5. You can visit the HP DataProtector website by selecting.
Help > HP OpenView Storage DataProtector on hp.com. See [Figure 2](#).

2. Removing Access to DataProtector GUI from HP SIM

To unregister the DataProtector tools menus from the HP SIM menu:

1. Open a command prompt window and go to the following directory where the dataprotector.xml file resides:

```
cd C:\Program Files\HP\System Insight Manager\tools
```

2. Enter the following at the command prompt:

```
mxtool -r -f dataprotector.xml
```

3. Log out and then back into HP SIM. You do not need to restart HP SIM.

4. Once these tools are unregistered, they do not appear in the menu structure and the XML file can be altered or removed from the system.

Appendix A: Code for the dataprotector.xml File

```
<?xml version="1.0" encoding="UTF-8" ?>
<!-- -->
<!-- File: dataprotector.xml -->
<!-- -->
<!-- Description: -->
<!-- This file defines Data Protector's tools for CMS. -->
<!-- -->
<!-- (c)Copyright 2003 Hewlett-Packard Co., All Rights Reserved.-->

<tool-list>
  <ssa-command-tool name="Data Protector GUI (Win)" visible="true" job-
log="true" schedulable="false">
    <category>General Tools</category>
    <description>Data Protector GUI. Access reports and query on the
Data Protector cell manager.
    </description>
    <comment>Start the Data Protector GUI locally and connect to the
selected target Cell Server system through port 5555. Through firewalls
access restrictions may apply.
    </comment>
    <default-target>"CMS"</default-target>
    <include-filter type="os">
      <node-filter name="OSName" operator="eq" value="WINNT" />
    </include-filter>
    <include-filter type="protocol">
      <node-filter name="SSH" operator="ge" value="1.0" />
    </include-filter>
    <ssa-block>
      <command command-type="stdout" log="true">"C:\Program
Files\OmniBack\bin\Manager" %1 %2 %3</command>
      <parameter index="1" prompt="optional parameter 1"
required="false" />
      <parameter index="2" prompt="optional parameter 2"
required="false" />
      <parameter index="3" prompt="optional parameter 3"
required="false" />
    </ssa-block>
    <attribute name="menu-path">Tools|Data Protector</attribute>
    <attribute name="product-name">HP OpenView Storage Data
Protector's GUI startup Plug-In</attribute>
    <attribute name="product-version">1.0</attribute>
  </ssa-command-tool>
  <ssa-command-tool name="Data Protector GUI (UX)" visible="true" job-
log="true" schedulable="false">
    <category>General Tools</category>
    <description>Data Protector GUI. Access reports and query on the
Data Protector cell manager.
    </description>
    <comment>Start the Data Protector GUI locally and connect to the
selected target Cell Server system through port 5555. Through firewalls
access restrictions may apply.
    </comment>
    <default-target>"CMS"</default-target>
```

```

    <include-filter type="os">
        <node-filter name="OSName" operator="eq" value="HPUX" />
    </include-filter>
    <include-filter type="protocol">
        <node-filter name="SSH" operator="ge" value="1.0" />
    </include-filter>
    <ssa-block>
        <command command-type="x-window"
log="true">"/opt/omni/bin/xomni" %1 %2 %3</command>
        <parameter index="1" prompt="optional parameter 1"
required="false" />
        <parameter index="2" prompt="optional parameter 2"
required="false" />
        <parameter index="3" prompt="optional parameter 3"
required="false" />
    </ssa-block>
    <attribute name="menu-path">Tools|Data Protector</attribute>
</ssa-command-tool>

    <web-launch-tool name="HP OpenView Storage DataProtector on hp.com" >
        <description> Launch to the HP OpenView Storage Data Protector
product information page
        </description>
        <web-block accepts-targets="false">
        <main-url> http://www.hp.com/go/dataprotector
        </main-url>
        </web-block>
        <attribute name="menu-path">Help</attribute>
        <attribute name="menu-sort-key">36</attribute>
        <attribute name="show-title">>false</attribute>
        <attribute name="show-ellipsis">>false</attribute>
        <attribute name="target-frame">_blank</attribute>
    </web-launch-tool>

</tool-list>

```