

Oracle® Enterprise Manager Ops Center

Creating System Catalog Reports

12c Release 2 (12.2.1.0.0)

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This guide provides an end-to-end example for how to use Oracle Enterprise Manager Ops Center.

Introduction

A System Catalog Report provides information about the current state of the selected operating system. A System Catalog Report lists the current catalog of one or more systems. A system catalog contains a list of operating system software components that are installed on a managed system. Catalogs provide the capability to directly manipulate the installed software components on a single operating system or a group of operating systems.

After an operating system is available and selected, you can view and modify the catalogs, and create historical catalogs. Historical catalogs are snapshots of the system. The software automatically takes a snapshot of the operating system after running a job on the operating system, including when you discover and manage the operating system. A snapshot is stored as a catalog with the time stamp and job details after every update job that you run on a system.

You can create a new catalog at any time and use it to record the state of a system. Catalogs enables us to rollback our system to any previous configuration or to create a profile. With this profile you can apply a consistent configuration throughout our datacenter.

The System Catalog reports on the installed patch state of operating system instances. Unlike the other report types, these are not run from the Reports drawer of the Navigation pane. They are generated and run from the Assets drawer of Navigation pane. The System Catalog Report shows all the patches, packages or RPMs that are installed on an operating system.

See [Related Articles and Resources](#) for links to report information and other examples.

This example shows you how to create a System Catalog Report on an Oracle Solaris operating system. You can view the report in an interactive view and the report result in PDF format.

What You Will Need

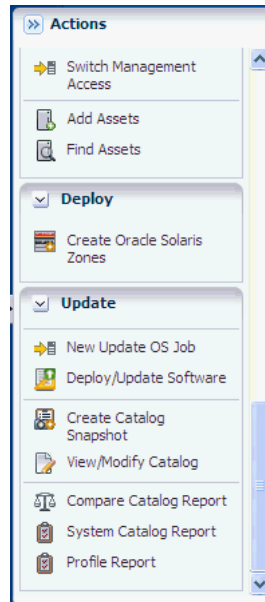
You need the following before you can create a System Catalog Report:

- A discovered and agent-managed Oracle Solaris 10 operating system.
- Report administrator to create and complete the procedure for System Catalog Report.

Create a System Catalog Report

The following steps define the procedure to successfully create a System Catalog Report on Oracle Solaris 10.

1. Navigate to the **Assets** drawer of **Navigation pane** and select an asset.
2. Click the **System Catalog Report** link from the **Update** section of the **Actions pane**.



The **System Catalog Report wizard** is displayed.

3. Define the following report parameters, then click **Next**.
 - Report Name: The name of the report.
 - Description: A description of the report.
 - Schedule: Select **Create Schedule** to schedule the report.
 - Output Format: Select PDF as the output format of the report result.
 - Select Targets: The selected asset is displayed in the Add to Target List.

Define Report Parameters * Indicates Required Field

This report list the system's current catalog on one or more targets. Select the targets to be compared with.

* **Report Name:** SC Report **Schedule:** Create Schedule:
Description: System Catalog Report **Output Format:** CSV
 PDF

Available Items

- Solaris
- Solaris 11
- Solaris 10
- 192.0.2.10 Solaris 10 Opera... Oper
- 192.0.2.20 Solaris 10 Opera... Oper
- 192.0.2.25 Solaris 10 Opera... Glob

Add to Target List

Target List(2)

Assets ▲

- 192.0.2.10
- 192.0.2.20

Remove from Target List

4. Select **Now** to generate the report, then click **Next** to display the Summary.

Schedule

Now
 At a later date/time
 On a Recurring Schedule

5. Click **Run and Close** to run the report.

Summary

Name: SC Report **Schedule:** Now
Description: System Catalog Report **Output Format:** CSV, PDF

Target Name	Product Name	Description
192.0.2.10	Solaris 10 Operating System	LDom Control Domain OS
MyHost	Solaris 10 Operating System	198.51.100.90

When the report completes, the results appear in a pop-up page.

Oracle Enterprise Manager Ops Center - Report Details

Report Name: April24 Report Type: System Catalog Report
Run Date: 04/24/2012 05:12:11 pm MDT Status: Success
Description:

Report Parameters

The following parameters are used to generate the report

Name: April24 Schedule: Now
Description: Output Format: PDF

[Save As Template](#)

Target Name	Product Name	Description
MyHost	Solaris 10 Operating System	198.51.100.90

What's Next?

After the report is generated, the Report Results pane lets you do the following:

- Save the report result as a template: you can save the report as a template for future use.
- Rerun the report: you can rerun the report to view the changes.
- Extract a profile for the target: you can create an OS Update profile with the available patches/packages.

You can view the report from the Report Results section of the center pane. You can select a report and click PDF or CSV to view and export the report result. The figure below displays the PDF output of the report result.

You can view the report interactively. The View Interactive option enables you to view the generated report in detail. Report result displays the Report name, Report type, Run Date, Status, Targets of the Report, OS updates applicable to selected targets. Report parameters show the target name, product name, description. You can save the report as a template and also rerun the report.

Double-click the report in the Report Results section of the center pane to display the details of the generated System Catalog Report. It details out the summary of the report result and the detailed report result displaying the OS updates applicable to the selected targets.

The screenshot shows the 'Oracle Enterprise Manager Ops Center - Report Details' window. It displays the following information:

- Report Name:** SC Report
- Run Date:** 04/20/2012 11:49:06 am UTC
- Description:** System Catalog Report
- Report Type:** System Catalog Report
- Status:** Success

The window has two tabs: 'Report Result' (selected) and 'Report Parameters'. Below the tabs is a 'Summary of report result output' section with a sub-section 'Targets of the Report (1)'. This section contains a table with the following data:

Host Name	Distribution	Status	Number Packages
MyHost	SOLARIS_10_0_SPARC		5302

Below this is a 'Detailed report result output' section with a sub-section 'OS Updates Applicable to Selected targets (5302)'. This section contains a table with the following data:

Host Name	Distribution	Component	Publisher	Description	Version
MyHost	SOLARIS_10_0_SPA...	SUNWjmf-2.1.2-10.0...		Java Media Framework	
MyHost	SOLARIS_10_0_SPA...	SUNWfiltersu-11.10...		foomatic-filters - Foo...	
MyHost	SOLARIS_10_0_SPA...	SUNWflexruntime-11...		Flex Lexer (Runtime...	
MyHost	SOLARIS_10_0_SPA...	SUNWl4rf-3.6-2004.1...		X11 ISO8859-4 requir...	

At the bottom of the window are three buttons: 'Execute Job', 'Rerun Report', and 'Close'.

Related Articles and Resources

For more information on reports, see the following:

- *Oracle Enterprise Manager Ops Center Feature Reference Guide*
- See the Operate How To library at http://docs.oracle.com/cd/E40871_01/nav/operatehowto.htm for more information about operating Oracle Enterprise Manager Ops Center.
- See the Deploy How To library at http://docs.oracle.com/cd/E40871_01/nav/deployhowto.htm for more information about deploying Oracle Enterprise Manager Ops Center.

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