



CHAPTER 23

Usage of PSIRT End of Sale and End of Life Data to Generate Reports

This chapter provides an introduction to:

- PSIRT data
- End of Sale data
- End of Life data

and how to use RME to manage and generate PSIRT, End of Sale and End of Life reports. It consists of the following:

- [PSIRT Data](#)
- [Generating a PSIRT Summary Report](#)
- [End of Sale or End of Life Data](#)
- [Generating End of Sale/End of Life Report](#)
- [PSIRT or End of Sale or End of Life Data Administration](#)

PSIRT Data

Cisco's Product Security Incident Response Team (PSIRT) is a dedicated, global team that manages the receipt, investigation, and public reporting of security vulnerability-related information, related to Cisco products and networks.

For every security vulnerability, a PSIRT document is created with a PSIRT Document ID. This document consists of definitions of the vulnerabilities, the IOS image version that is affected by the PSIRT, as well as the device that is impacted.

RME fetches and collects this PSIRT information from Cisco.com at regular intervals. See [Cisco.com Fetch Interval](#) for more information on setting or changing the frequency of retrieval of PSIRT information from Cisco.com.

Generating a PSIRT Summary Report

You can generate a PSIRT Summary Report based on the PSIRT information retrieved from Cisco.com at regular intervals. This report helps you to ascertain the security vulnerabilities that affect the devices in your network.

It provides a summary of the possible security alerts based on the selected devices. It also recommends upgrade to the IOS image version that has the solution for the security vulnerability.

To generate the report, see [Generating Inventory Reports](#).

The generated PSIRT Report shows:

- Count of the total number of devices selected for report generation.
- Count of devices with vulnerability
- Last Cisco.com Fetch Date
- Two tables categorized based on:
 - PSIRT ID
 - Device

[Table 23-1](#) lists and describes the fields in the By PSIRT table. Click on a specific field ID to sort the information based on a this field.

[Table 23-2](#) lists and describes the fields in the By Device table. Click on any field ID to sort the information based on a selected field.

For more information on the fields in the PSIRT Summary report tables, see [Fields in the PSIRT Summary Report Tables](#).

You can also click on:

- Any of the PSIRT Document ID link to get more information about the devices affected by that PSIRT ID. When you click the PSIRT Document ID, an external web page opens with more details of that particular PSIRT.

Or

- The Number of Affected Devices link to get more information about the devices that are affected by a corresponding PSIRT ID. When you click the Number of Affected Devices link, the By Devices table is displayed. The devices affected by the corresponding PSIRT are listed at the top of the table.

**Note**

The PSIRT Summary report displays PSIRTs only for Cisco IOS device categories.

Fields in the PSIRT Summary Report Tables

Table 23-1 provides description for the fields in the By PSIRT table.

Table 23-1 By PSIRT Table

Field	Description
PSIRT Document ID	Document ID of the PSIRT announcement. Click on the PSIRT Document ID for more information on that PSIRT.
Announced Date	Date on which the PSIRT announcement was released in Cisco.com.
Description	Brief description of the security vulnerability.
Severity	Severity classification for the PSIRT. It could be: <ul style="list-style-type: none"> • High • Medium • Low
IOS Versions Impacted	IOS software version that is impacted by the PSIRT.
Image File Names	Name of the image file.
Number of devices affected	Count of the number of devices affected by the PSIRT.
Fixed in IOS Versions	IOS software version that has the fix to the security vulnerability. You can upgrade to this fixed IOS version to overcome the security vulnerability.

Table 23-2 provides description for the fields in the By Device table.

Table 23-2 By Device Table

Field	Description
Device Name	Name or IP address of the device.
Device Model	Model of the device.
PSIRT Document Id	Document ID of the PSIRT announcement. Click on the PSIRT Document ID for more information on that PSIRT.
IOS Version	IOS software version that is impacted by the PSIRT.
Location	Physical location of the device in the network.



Note

Any PSIRT report job, which was scheduled using RME 4.1 or 4.1.1, after upgrade and restore into RME 4.2 will only follow the method of retrieving information from Cisco.com.

End of Sale or End of Life Data

The End of Sale information for a device refers to announcement made in Cisco.com regarding the ending of sales of a device or hardware. It also means that this device will no longer be manufactured.

RME fetches and collects these End of Sale and End of Life information from Cisco.com at regular intervals.

See [Cisco.com Fetch Interval](#) for more information on setting or changing the frequency of retrieval of End of Sale and End of Life information from Cisco.com.

Generating End of Sale/End of Life Report

You can generate a End of Sale/End of Life Summary Report based on the end of sale or end of life information retrieved from Cisco.com at regular intervals. This report helps you to ascertain the end of sale or end of life information for devices and modules in your network. It provides a summary of the end of sale or end of life alerts based on the selected devices.

To generate the report, see [Generating Inventory Reports](#).

The generated End of Sale/End of Life Report shows:

- Count of the total number of devices selected for report generation.
- Count of devices with End of Sale/End of Life announcements.
- Count of modules with End of Sale/End of Life announcements.
- Last Cisco.com Fetch Date
- Three tables categorized based on:
 - End of Sale/End of Life announcements
 - Modules with End of Sale/End of Life announcements
 - Devices with End of Sale/End of Life announcements

[Table 23-3](#) lists and describes the fields in the End of Sale/End of Life Announcements for Devices table.

Click on a specific field ID to sort the information based on this field.

[Table 23-4](#) lists and describes the fields in the End of Sale/End of Life Announcements per Module table.

Click on a specific field ID to sort the information based on this field.

[Table 23-5](#) lists and describes the fields in the Devices that have End of Sales / Support Announcements table

Click on a specific field ID to sort the information based on this field.

For more information on the fields in the End of Sale/End of Life report tables see [Fields in the End of Sale/End of Life Report Tables](#).

If you:

- Click on the Number of Devices link from the End of Sales/End of Life Announcements for devices table, the devices that have End of Sales/End of Life support announcements table is displayed.
The records are arranged according to the Bulletin Number that correspond to the Number of Devices link clicked in the End of Sales/End of Life Announcements for devices table.
- Click on the Number of Modules link from the End of Sales/End of Life Announcements for modules table, the Devices that have End of Sales/End of Life support announcements table is displayed.
The records are arranged according to the Bulletin Number that corresponds to the Number of Modules link clicked in the End of Sales/End of Life Announcements per module table.

Fields in the End of Sale/End of Life Report Tables

Table 23-3 provides descriptions for the fields in the End of Sales / End of Life Announcements for Devices table.

Table 23-3 *Fields in the End of Sales / End of Life Announcements for Devices*

Field	Description
Bulletin Number	Bulletin number of End of Sale / End of Life Announcement for a device in Cisco.com. Click on the bulletin number link for more information of End of Sale / End of Life Announcement for that device in Cisco.com. There maybe multiple announcements for a device.
Device Model	Model of the device. For instance, the device model can be Cisco Catalyst 4507R Switch.
Number of devices	Count of the number of affected devices.
EOS Date	Last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.
EOL Date	Date of the document that announces the end of sale and end of life of a product is distributed to the general public.

Table 23-4 provides descriptions for the fields in the End of Sales / End of Life Announcements Per Module table.

Table 23-4 *End of Sales / End of Life Announcements Per Module*

Field	Description
Bulletin Number	Bulletin number of End of Sale / End of Life Announcement for a module in Cisco.com. Click on the bulletin number link for more information of End of Sale / End of Life Announcement for that module in Cisco.com. There maybe multiple announcements for a module.
Module Type	Module type information consisting of the End of Sale product part number.
Number of Modules	Count of the number of affected modules.
EOS Date	Last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.
EOL Date	The date of the document that announces the end of sale and end of life of a product is distributed to the general public.

Table 23-5 provides descriptions for the fields in the Devices that have End of Sales / Support Announcements table.

Table 23-5 *Devices that have End of Sales / Support Announcements*

Field	Description
Device Name	Name or IP address of the device. Click on the device name for more information about the device.
Device Model	Model of the device. For instance, the device model can be Cisco Catalyst 4507R Switch.
Module Type	Module type information consisting of the End of Sale product part number.
Location	Physical location of the devices on the network.
Bulletin Number	Bulletin number of End of Sale / End of Life Announcement for a device or module in Cisco.com. Click on the bulletin number link for more information of End of Sale / End of Life Announcement for that device or module in Cisco.com. There maybe multiple announcements for a device or module.



Note

Any End of Sale or End of Life report job, which was scheduled using RME 4.1 or 4.1.1, after upgrade and restore into RME 4.2 will only follow the method of retrieving information from Cisco.com

PSIRT or End of Sale or End of Life Data Administration

RME uses PSIRT, End of Sale and End of Life data from Cisco.com to generate various reports. You can use the various RME Administration options to:

- Change the Data Source for PSIRT or End of Sale or End of Life reports.
For more information, see [Changing the Data Source for PSIRT/EOS/EOL Reports](#)
- Change the Cisco.com Fetch Interval
For more information, see [Cisco.com Fetch Interval](#)

Changing the Data Source for PSIRT/EOS/EOL Reports

You can use the PSIRT/EOL Reports option to change the data source for generating a PSIRT or End Of Sale or End of Life report.

To access this option, go to **Resource Manager Essentials > Admin > Reports > PSIRT/EOL Reports**

For more information on:

- PSIRT Report, see:
 - [PSIRT Data](#)
 - [Generating a PSIRT Summary Report](#)
- End of Sale/End of Life Report, see:
 - [End of Sale or End of Life Data](#)
 - [Generating End of Sale/End of Life Report](#)

When you schedule a PSIRT or End of Sale or End of Life report, the Report Generator retrieves the data either from Cisco.com or from a local text file with XML data, depending upon the option you have set. To change the PSIRT or End of Sale/End of Life report settings:

-
- Step 1** Go to **Resource Manager Essentials > Admin > Reports**
- Step 2** Select the **PSIRT/EOX Reports** option.
The PSIRT/EOX Reports dialog box appears.
- Step 3** Either:
- Select **CCO**, if you want to generate a PSIRT or End Of Sale or End of Life report using data from Cisco.com
For more information, see [Generating PSIRT/End of Sale/End of Life Report using Data from Cisco.com](#)
Or
 - Select **Local**, if you want to generate a PSIRT or End Of Sale or End of Life report using data from local file.
The local file location is shown if you have selected Local.
For more information, see [Generating PSIRT/End of Sale/End of Life Report using Data from Local File Location](#)
- Step 4** Click **Apply**
The PSIRT or End of Sale or End of Life report can be generated based on the settings specified by you.
-

Generating PSIRT/End of Sale/End of Life Report using Data from Cisco.com

You can use the Cisco.com option, if you have access to Cisco.com from the LMS server. When you schedule a PSIRT or End of Sale or End of Life report, the Report Generator retrieves the data from Cisco.com. The report so generated consists of latest data.



Note

While you schedule a PSIRT Summary report job or End of Sale or End of Life job using the Cisco.com method, the Cisco.com Username, Cisco.com Password, Proxy Username and Proxy Password fields are enabled.

Generating PSIRT/End of Sale/End of Life Report using Data from Local File Location

You can use the Local option, if you do not have an internet connection from the RME server. The local file is a text file with XML data in it.

Downloading the text file with XML data from Cisco.com

You can retrieve the PSIRT or End of Sale or End of Life information from an external server and store it in the local file location on the LMS server.

To download the text file with XML data from Cisco.com:

1. Use a server other than LMS server with internet connection as the external server.
2. From this external server, access the following link to download the text file with XML data:

http://www.cisco.com/cgi-bin/front.x/eox/RME_PSIRT_DETAILS.pl?action=zipdownload

3. After downloading the PSIRT_EOX_OFFLINE.zip, extract the text file with XML data to the external server, copy this file from the external server into the LMS server under:

```
NMSROOT\files\rme\jobs\inventory\reports\EOX_PSIRT\local_xml
```

The text file with XML data, PSIRT_EOX_OFFLINE.txt gets saved under local_xml folder.

When you schedule a PSIRT or End of Sale/End of Life report, the Report Generator retrieves the data from this text file available in the local file location.

To ensure that the data shown in the PSIRT or End of Sale or End of Life report is the latest:

1. Retrieve the PSIRT or End of Sale or End of Life information from Cisco.com using an external server which has internet connection.
2. Store this retrieved XML information in a text file in the local file location.
3. Then generate a PSIRT Summary Report or End of Sale or End of Life report.

For more information, see:

- [Downloading the text file with XML data from Cisco.com](#)
- [Generating a PSIRT Summary Report](#)
- [Generating End of Sale/End of Life Report](#)

The default local file location is:

```
NMSROOT\files\rme\jobs\inventory\reports\EOX_PSIRT\local_xml
```

Cisco.com Fetch Interval

You can use Cisco.com Fetch Interval to determine the frequency at which the information can be retrieved from Cisco.com for generating:

- PSIRT Summary Report (see [Generating a PSIRT Summary Report](#) for more information)
- End of Sale/End of Life Report (see [Generating End of Sale/End of Life Report](#) for more information)

To set the Cisco.com Fetch interval:

Step 1 Select **Resource Manager Essentials > Admin > Inventory > Cisco.com Fetch Interval**

The Cisco.com Fetch Interval dialog box appears.

Step 2 Select a frequency at which you require the PSIRT information to be retrieved from Cisco.com. The duration can be:

- 1 hour
- 3 hours
- 24 hours. This is the default value
- 7 days
- 30 days

Step 3 Select a frequency at which you require the End of Sale/End of Life information to be retrieved from Cisco.com.

The duration can be:

- 1 hour
- 3 hours
- 24 hours
- 7 days. This is the default value
- 30 days

Step 4 Either:

- Click **Apply** to apply the changes.

Or

- Click **Cancel** to revert your selections to the last saved value.
-

