

Programmable Reports

• Catalog, on page 1

Catalog

The Catalog allows you to view all the applications that you have installed or enabled on the Cisco DCNM. Few applications are installed and are operational by default, when you install the Cisco DCNM.

The following applications appears based on the Cisco DCNM Deployments:

- Health Monitor (2.1)
- PTP Monitoring (1.1)
- Kibana (2.0)
- Programmable report (1.1.0)
- Elastic Service (1.1)
- Compliance (4.0.0)
- Debug Tools (2.1)
- IPAM Integrator (1.0)
- Endpoint Locator (2.1)
- Kubernetes Visualizer (1.1)
- vmmplugin (4.1)



Note The applications started by default, or also installed on the DCNM utilizes infrastructure services are operational, by default.

You can install more applications from the App Center, via the Web UI.

For instructions about downloading, adding, starting, stopping, and deleting applications from the Cisco DCNM Web UI, see Installing and Deploying Applications.

Programmable Report

The Programmable Report application enables the generation of reports using Python 2.7 scripts. Report jobs are run to generate reports. Each report job can generate multiple reports. You can schedule the report to run for a specific device or fabric. These reports are analyzed to obtain detailed information about the devices.

The REPORT template type is used to support the Programmable Report feature. This template has two template subtypes- UPGRADE and GENERIC. For more information on the REPORT template, refer Report Template. A python SDK is provided to simplify report generation. This SDK is bundled with DCNM and provides APIs to generate reports. For more information on APIs, refer Report APIs.

RBAC support

- An admin or a network operator can create a report..
- A network operator can view reports created by other admins and operators.
- A network operator cannot delete/edit/rerun any reports created by an admin and other network operators.
- An admin can view and delete any report irrespective of the user creating them.
- An admin cannot edit any report created by other user, including network operator, due to fabric and device association.

Note

A Jython template supports a maximum file size of 100k bytes. In case any report template exceeds this size, Jython execution may fail.

To launch the Programmable Report app, on the Cisco DCNM Web UI, choose **Applications**. On the **Catalog** tab, click **Programmable report** to launch the application. The Report window is displayed. This window has two tabs, **User Defined** and **Internal**. The **User Defined** tab displays the report jobs which are created by a user. For information on creating a report job, refer Creating a Report Job. On any window, click the **Home** icon at the top left of the screen to return to this **Report** window. All operations such as creating, deleting, editing, re-running, displaying history, and downloading of report job information, are supported for the jobs displayed in this tab.

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	fined Internal 17 Total							+ 🖬 🗸 🗇 🔶
	Title 💠	User ¢	Recurrence \$\dot\$	Scope \$	Template 👙	् Status ¢	Created At 👙	Last Executed 👙
	sfp test	admin	NOW	FABRIC	sfp_report		2020-05-21 09:43:53 +0530	2020-05-21 09:43:55 +0530
	sfp_report-test_reRunFabricScope	admin	NOW	FABRIC	sfp_report	A	2020-05-21 09:29:11 +0530	2020-05-21 09:31:12 +0530
	sfp_report-test_checkSummaryFabricSc	opeadmin	NOW	FABRIC	sfp_report	A	2020-05-21 09:27:11 +0530	2020-05-21 09:27:12 +0530
	sfp_report-test_checkReportByIdFabricS	icopadmin	NOW	FABRIC	sfp_report		2020-05-21 09:25:10 +0530	2020-05-21 09:25:12 +0530
	sfp_report-test_addReportJobFabricSco	pe admin	NOW	FABRIC	sfp_report	A	2020-05-21 09:25:08 +0530	2020-05-21 09:25:10 +0530
	switch_inventory-test_reRun	admin	NOW	DEVICE	switch_inventory		2020-05-21 09:10:02 +0530	2020-05-21 09:11:07 +0530
	switch_inventory-test_checkSummary	admin	NOW	DEVICE	switch_inventory		2020-05-21 09:09:02 +0530	2020-05-21 09:09:07 +0530
	switch_inventory-test_checkReportByld	admin	NOW	DEVICE	switch_inventory		2020-05-21 09:08:01 +0530	2020-05-21 09:08:07 +0530
	switch_inventory-test_addReportJob	admin	NOW	DEVICE	switch_inventory		2020-05-21 09:07:59 +0530	2020-05-21 09:08:05 +0530
ie	ld				Descr	iption		

Ticiu	Description
Title	Specifies the title of the report job.

Field	Description
User	Specifies the user who has initiated the report generation.
Recurrence	Specifies the frequency at which the reports are generated.
Scope	Specifies the scope of the report. The report can be generated for a device or a fabric.
Template	Specifies the name of the template.
Status	Specifies the status of the report. The status messages are as follows-
	*Success - Report is generated successfully.
	*Scheduled - A report generating schedule is set.
	*Running - A report job is running.
	*Failed - Report execution failed for one or more selected switches/fabrics or an issue occurred during running of the report job.
	*Unknown - Job state could not be identified.
Created At	Specifies the time at which the report was created.
Last Executed	Specifies the time at which the report was last generated.
Start Date	Specifies the date at which the report generation is scheduled to start from.
End Date	Specifies the date at which the report generation is scheduled to end at.

The **Internal** tab displays the report jobs that have been created by DCNM. For example, Pre and Post-ISSU report jobs that are created by the ISSU wizard are considered as internal jobs. However, you can only view report job information and history for the report jobs in this tab. You cannot delete a report job displayed under this tab as any deletion may affect the working of a DCNM feature that depends on this report.

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Report							
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tremal							0 -
Title ÷	् User ‡	Recurrence \$	Q Scope \$	Template 👙	Status \$	Created At 👙	Last Executed 👙

You can also watch the video that demonstrates how to use the Programmable Report application in Cisco DCNM. See Programmable Report.

Creating a Report Job

To create a report job, perform the following steps:

Procedure

Step 1 Click Create Report icon.

The Create Report window is displayed.

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Rep	ort							
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-		् User ¢ admin	Q. Recurrence \$ NOW	C Scope \$	Template \$	৫ Status ≑ ▲	Created At 2020-05-21 09:43:53 +0530	Create Report
	Title 👙							Create Report
	Title 💠 🕡	admin admin	NOW	FABRIC	sfp_report	A	2020-05-21 09:43:53 +0530	Create Raport Loss - Accound ÷ 2020-05-21 09:43:55 +0530

Step 2 Enter a name for the report job in the **Name** field.

Step 3 Specify the frequency at which the report job should be run by selecting the required button next to Recurrence. For this use-case, select

Create Report		Х
* Name :	test	
Recurrence :	Now Once Daily Weekly Monthly Periodic Ondemand	

The Recurrence options are as given below:

*Now - The report is generated now.

*Once - The report is generated once at the specified time.

*Daily - The report is generated daily at a specified time between the Start Date and End Date.

*Weekly - The report is generated once a week at a specified time between the Start Date and End Date.

*Monthly - The report is generated once a month at a specified time between the Start Date and End Date.

*Periodic - The report is generated periodically in a time period between the specified Start Date and End Date. The interval of time between the reports can be specified in minutes or hour(s).

Note When you are creating a **Periodic NVE VNI** Counters report, the report generation frequency has to be set to 60 minutes or more. If the frequency is less than 60 minutes, an error message is displayed.

*Ondemand - The report is generated on demand. This report can only be generated by clicking the **Rerun** icon in the Report window.

Note The Start Date and Time and End Date and Time are displayed in a 24-hour format.

Step 4

27.117 27.117 27.117 27.117 27.117 **94** Specify the devices or fabrics on which the report job should be run to generate the

	X	Create Report								
				* Name: t	test				٥	
			Recur	urrence: 🦲	Now Once		_	Periodic 🔿 Onde	emand	
			Fabric 💠			Device Fabric	:			
			BGL							
			Cat9K							
			N5K							
			Default_LAN							
		Note : Date&Time are bas	ed on server time							

Step 5

Click **Next**. Select a template from the **Template** drop-down list in the **Create Report** window. Each report template has a device or fabric tag associated with it.

The following pre-defined templates are available:

Device scope-

*switch_inventory

Fabric scope-

*fabric_nve_vni_counter

*fabric_resources

*sfp_report

In addition to the templates listed above, any other templates that have been created by you will also be listed here. For more information on default templates and creating customized templates, refer Template Library.

Templates are listed based on the associated tags. If you select the **Device** scope, the templates with the device tag are listed in the drop-down list. If you select the **Fabric** scope, the templates with the fabric tag are listed in the drop-down list.

Create Report		Х
Template :	۸ ×	
	switch_details	
	switch_inventory	
	No Data	
		Previous Create Job

Step 6 Click **Create Job**. A pop-up comes up stating that the Job report has been created successfully. Click the **Refresh** icon in case the newly created job report is not displayed in the list. When you hover over the Status

column for the new report, the status is **Running** which indicates that a report is currently being generated. The status will change to a green tick indicating **Success** after the report has been successfully generated.

Viewing a Report Job

Click a report title from the list of displayed report jobs to view the required information.

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ep	ort							
r Defi	ned Internal							
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	Title \$	User 👙 🕓	Recurrence 💠 🔍	Scope ¢	Template ÷ 0	Status 💠	Created At 👙	Last Executed 👙
	sfp test	admin	NOW	FABRIC	sfp_report	A	2020-05-21 09:43:53 +0530	2020-05-21 09:43:55 +0530
	sfp_report-test_reRunFabricScope	admin	NOW	FABRIC	sfp_report	A	2020-05-21 09:29:11 +0530	2020-05-21 09:31:12 +0530
	sfp_report-test_checkSummaryFabricSco	peadmin	NOW	FABRIC	sfp_report	A	2020-05-21 09:27:11 +0530	2020-05-21 09:27:12 +0530
	sfp_report-test_checkReportByldFabricSc	opadmin	NOW	FABRIC	sfp_report	A	2020-05-21 09:25:10 +0530	2020-05-21 09:25:12 +0530
	sfp_report-test_addReportJobFabricScop	e admin	NOW	FABRIC	sfp_report	A	2020-05-21 09:25:08 +0530	2020-05-21 09:25:10 +0530
	switch_inventory-test_reRun	admin	NOW	DEVICE	switch_inventory		2020-05-21 09:10:02 +0530	2020-05-21 09:11:07 +0530
	switch_inventory-test_checkSummary	admin	NOW	DEVICE	switch_inventory		2020-05-21 09:09:02 +0530	2020-05-21 09:09:07 +0530
	switch_inventory-test_checkReportByld	admin	NOW	DEVICE	switch_inventory		2020-05-21 09:08:01 +0530	2020-05-21 09:08:07 +0530
	switch_inventory-test_addReportJob	admin	NOW	DEVICE	switch_inventory		2020-05-21 09:07:59 +0530	2020-05-21 09:08:05 +0530

The **Report** window is displayed. The number of errors, warnings, info, and success messages that are color coded and displayed in this window depends on the report details. Errors are displayed in red, Warnings in yellow, Info in blue and Success in green. The summary is not considered for the generation of these numbers.

X dudh Data Center Network Manager		🐥 🔞 admin 🏠
Report		
/ switch_inventory-test_addDailyReport.	Job	Enter device name or serial n Q
Start date 🏾 End date 🗇 👕	Summary	Total 1
2020-05-24 09:14:08 +0530 scheduled run 2020-05-23 09:14:08 +0530 scheduled run 2020-05-22 09:14:08 +0530	N9K_41 : FD02224255E Device Name : N8K_41 Ontasis ID : FD02224255E Model : Noxe000 93180*C-EX chassis NK0S version : 9.3(2) UpTime : 5 day(s), 12 hour(s), 15 minute(s), 32 second(s)	O O O View Details
scheduled run Success	Add to compare	
2020-05-21 09:14:56 +0530 scheduled run Success		

Reports can be generated for multiple devices. You can also see a timeline on the left of the window indicating the time at which a report was generated. You can click an item in this timeline to display the report that was generated at that moment. You can also display the reports that are generated in a specific time-frame by selecting a **Start date** and **End date**.

Click **View Details** to display detailed information.

The **Details** tab displays a report summary along with other relevant information based on the type of report template.

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The report detail is logically grouped into sections. Each section is displayed separately with a collapsible widget. The number of errors, warnings, info, and success messages generated in the report is color-coded and is displayed on the top right part of the window.

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Report	
Details Commands	(2020-04-50 15 09:54 +0530) 🔮 😳 🕕 👌
✓ Summary	1
© QSFP-40G-SR4:10 © QSFP-Unknown Type-(unknown):1 SFP-H26B-ACCIM:4 10Gbase-(unknown):2 SFP-H10GB-ACCIM:2 © QSFP-H10GB-ACCIM:20 10Gbase-SR:31 SFP-H10GB-ACCIM:2 4G0base-Achie:1 Unknown Type-(unknown):1 © QSFP-4X10G-ACCIM:4 10Gbase-IR:1 100bbase-IR:1	

Click the **Commands** tab to display the commands that have been executed to generate the report. The commands are displayed based on the templates and the API that is used to run the commands on the device. For example, in the switch_inventory template, the **show version**, **show inventory** and **show license usage** commands are run to retrieve information. Note that the commands are displayed only if the **show_and_store** API is used to run the commands on the device.

X 🖞 🕼 Data Center Network Manager	🐥 🙆 admin 🌣
Report	
/ switch_inventory-test_addDailyReportJob / N9K_41 : FD0222425SE	
Details Commands	2020-D5-24 09.14:08 =0533) 🚺 🕕 🛓
> FD0222425SE : show version xml	
> FDO222425SE : show inventory xml	
> FD0222425SE : show license usage xml	
X dively Data Center Network Manager	🐥 🎯 admin 🗘
Report	
	(2020-05-24 09:14:08 109:32) 😗 📀 💿 主
	(2025-05-24 09/ 14:06 +0530) 🕘 📀 🎯 🖄 📩

Downloading Report Information

To download report information, click the **Export Report** icon in the Details tab. To download the commands along with the outputs, click the **Export Report** icon in the **Commands** tab.

SEP Report

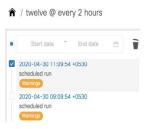
2020-04-30 11:09:54 +0530	0	0	0	0	+
					rt Report

Detailed information about the report is then displayed in a separate window.

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Deleting a Report

To delete a report, select a report on the report timeline that has to be deleted and click the **Delete** $\overline{\bullet}$ icon.



A pop-up window is displayed asking for confirmation to delete the report. Click Yes to delete the report.

Comparing Reports

You can compare any two reports that have been generated from the same report job.

To compare reports, perform the following steps:

Procedure

Step 1 Select the **Add to compare** checkboxes in a **Report** window. The number of reports that have been selected for comparison is indicated by the red colored number icon next to the X at the top right of the

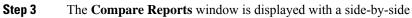
X disco Data Center Network Manager	r		🐥 🚱 admin 🗘
Report			
↑ thirteen @ 1hour			G × Enter fabric name Q
Start date T End date 🗇 🖬		Summary	
	PORT_CHANNEL_ID	3500	
2020-04-30 15:09:22 +0530 scheduled run Success ≒	FEX_JD	99	
2020-04-30 14:09:23 +0530 scheduled run			
Success		Add to compare	
2020-04-30 13:09:23 +0530 scheduled run			
Success	QA		🧿 😳 🔘 🚺 View Details
2020-04-30 12:09:23 +0530 scheduled run Success	R	esources Summary for Fabric QA	
2020-04-30 11:09:22 +0530	POOL NAME 👙	MAX ENTRIES 👙	
scheduled run Success	LOOPBACK0_IP_POOL	1024	
2020-04-30 10:09:23 +0530 scheduled run	DCI subnet pool	64	
Success	TOP_DOWN_L3_DOT1Q	510	
2020-04-30 09:09:23 +0530 scheduled run	VPC_DOMAIN_ID	1000	
Success	LOOPBACK_ID	513	
2020-04-30 08:09:22 +0530 scheduled run	VPC_PEER_LINK_VLAN	1	
Success	VPC_ID	400	
2020-04-30 07:09:22 +0530 scheduled run	PORT_CHANNEL_ID	3500	
Success	FEX_ID	99	
2020-04-30 06:09:22 +0530 scheduled run Success			
2020-04-30 05:09:23 +0530 scheduled run		Z Add to compare	
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eport			
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Start date 👘 End date 🖽 📲	1	Summary	Compare Reports
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2020-04-30 15:09:22 +0530 scheduled run Success ≒	FEX_ID	99	
2020-04-30 14:09:23 +0530			
scheduled run Success		Add to compare	
2020-04-30 13:09:23 +0530 scheduled run			
Success	QA		🤨 💿 🗿 🖉 View De
2020-04-30 12:09:23 +0530 scheduled run Success	R	esources Summary for Fabric QA	
2020-04-30 11:09:22 +0530	POOL NAME 👙	MAX ENTRIES 👙	
scheduled run Success	LOOPBACK0_IP_POOL	1024	
2020-04-30 10:09:23 +0530	DCI subnet pool	64	
scheduled run Success	TOP_DOWN_L3_DOT1Q	510	
2020-04-30 09:09:23 +0530	VPC_DOMAIN_ID	1000	
scheduled run Success	LOOPBACK_ID	513	
2020-04-30 08:09:22 +0530 scheduled run	VPC_PEER_LINK_VLAN	1	
Success	VPC_ID	400	
2020-04-30 07:09:22 +0530 scheduled run	PORT_CHANNEL_ID	3500	
Success	FEX_ID	99	
2020-04-30 06:09:22 +0530 scheduled run Success			

Step 2 Click **Compare Reports** icon at the top right of the

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https://10.127.117.20/compareReports



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Report							
🎓 / thirteen @ 1hour / (Compare Reports						
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✓ Summary				✓ Summary			
Resources	Summary for Fabric N5K			Resources	Summary for Fabric QA		
POOL NAME 👙	MAX ENTRIES ‡			POOL NAME 👙	MAX ENTRIES \$		
LOOPBACK0_IP_POOL	1024			LOOPBACK0_IP_POOL	1024		
DCI subnet pool	64			DCI subnet pool	64		
TOP_DOWN_L3_DOT1Q	510			TOP_DOWN_L3_DOT1Q	510		
VPC_DOMAIN_ID	1000			VPC_DOMAIN_ID	1000		
LOOPBACK_ID	513			LOOPBACK_ID	513		
VPC_PEER_LINK_VLAN	1			VPC_PEER_LINK_VLAN	1		
VPC_ID	400			VPC_ID	400		
PORT_CHANNEL_ID	3500			PORT_CHANNEL_ID	3500		
FEX_ID	99			FEX_ID	99		
 Resource Pools for Fabric N5k 			0000	 Resource Pools for Fabric QA 			0000
	Resource				Resource		
POOL NAME	PCOL TYPE 👙	POOL RANGE	SUBNET N	POOL NAME 👙	POOL TYPE 👙	POOL RANGE	SUBNET N
LOOPBACK0 IP POOL	IP POOL	10.1.0.0/22	32	LOOPBACK0 IP POOL	IP POOL	10.1.0.0/22	32

Deleting a Report Job

To delete a report job, select the checkbox next to the report job that has to be deleted and click the **Delete Report** icon.

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Report								
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User Defined Internal								+ 🖬 🗸 🗇 🕹 🛨
Title 🗧	0 User ¢	Rec	currence 👌 🔍	Scope ¢	Template 👙	Q Status ≑	Created At 👙	Last-cocorco
sfp test	admin	NO	w	FABRIC	sfp_report	A	2020-05-21 09:43:53 +0530	2020-05-21 09:43:55 +0530

Deleting a report job also deletes all the reports that have been generated by that report job.

Editing a Report Job

Step

Procedure

To edit a report job, perform the following steps:

X disco Data Center Network Manager	r					🐥 🔞 admin
Report						
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User Defined Internal						
🔿 13 Total					+	
						Edit Report
Title 🗧	् User ¢	Recurrence	Scope \$	Template 💠	Q Status \$	Created At 💠
 Title ‡ thirteen @ 1hour 	o, User ¢ admin	Recurrence PERIODIC	Scope \$ FABRIC	Template fabric_resources	୍ Status 👙	Created At 2020-04-22 2

Step 2 The **Create Report** window is displayed. You can edit the Start Date & Time, End Date & Time, Period, and Device or Fabric selected. After editing the required parameters, click

		* Name :	twelve @ every 2 hours	
		Recurrence :	Now Once O Daily Weekly Monthly Periodic Ondemand	
		* Period :	2 v Hour(s) v	
		* Start Date & Time :	2020-04-22 21:10:00	
		End Date & Time :	2020-04-30 12:27	
			Device Fabric Global	
1	- Fab	pric ÷		
1	N5k	K		
	QA QA			
	Fime are based on se	erver time		Previous
lick Up	pdate	erver time		Previous
Note : Date&TT	pdate	erver time Template :	sfp_report v	Previous
lick Up	pdate		sfp_report v	Providual
lick Up	pdate			Previous
lick Up	pdate		sfp_report V No fields to display	Previous
lick Up	pdate			Previous

A pop-up window is displayed indicating that the report job has been updated successfully.

Rerunning a Report Job

Step 3

On the **Report** window, select the checkbox next to the report that has to be generated again and click the **Rerun Report** icon to run a report job again. A pop-up window is displayed indicating that the report job has

been run again

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Report						
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User Defined Internal						
O 13 Total					+	Ì/00±
Title :	Q User ¢	 Recurrence ± 	Scope \$	Template ‡	⊙ Status ≑	Rerun Report
- 1100 -					oterus y	Created At
thirteen @ 1hour	admin	PERIODIC	FABRIC	fabric_resources		Created At \$ 2020-04-22 21:0

You can use the re-run option to generate a report before the scheduled execution time. In case of an **Ondemand** job, you need to click the **Rerun Report** icon to generate the report.

Displaying Report Job History

nplate ric_reso _report To display report job history, select the checkbox next to the report job for which the history has to be displayed, and click the **History** icon. The **Job History** window is displayed. You can view the last 100 entries per report

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			Report					
			A Job History					
			User Defined Internal	Job History			×	
			O 13 Total	Status 👙	Reason 👙	Status Update On 👙		+ 1 / 0 0 ±
			Title :	A WARNING	Report has 32 WARNING(S)	2020-04-30 13:20:19 +0530	C Status ¢	Created At :
			thirteen @ 1hour	C RUNNING	scheduled run	2020-04-30 13:09:54 +0530		2020-04-22 21:(
			twelve @ every 2 hours	A WARNING	Report has 32 WARNING(S)	2020-04-30 11:20:17 +0530	<u>.</u>	2020-04-22 21:0
			eleven @ daily etan @ every 1 hour	C RUNNING	scheduled run	2020-04-30 11:09:54 +0530	0	2020-04-22 21:(
		🐥 🙆 admin 🌣	nine @ every 1 hour	A WARNING	Report has 32 WARNING(S)	2020-04-30 09:21:36 +0530	0	2020-04-22 21:0
			eight @ every 45 mins	A HANNING	Report nes de martinino(d)	2020 04 30 03.21.30 10330	0	2020-04-22 21:0
			seven @ every 30mins	C RUNNING	scheduled run	2020-04-30 09:09:54 +0530		2020-04-22 21:0
			six @ every 30min	A WARNING	Report has 32 WARNING(S)	2020-04-30 07:21:32 +0530		2020-04-22 21:0
			five @ every 30min	C RUNNING	scheduled run	2020-04-30 07:09:54 +0530	٥	2020-04-22 21:0
			four @ every 15mins	Chorena	SUIDURUTUI	2020 04 00 07.00.04 10000	0	2020-04-22 21:0
	-		three @ 10mins	A WARNING	Report has 32 WARNING(S)	2020-04-30 05:20:13 +0530	•	2020-04-22 21:0
		History	two @ every 5mins					2020-04-22 21:0
a ¢	୍ Status ‡	Created At	one	-			0	2020-04-22-20:(
sources	2	2020-04-22 21:0						
rt	A	2020-04-22 21:0						× 1 >

Downloading Report Job Information

To download report job information as a CSV file, click the **Download** icon, select the location to which the CSV file should be downloaded to, and click **OK**. A CSV file with information about the report job is

			X alta	le Data Center Network Manage	r.					🐥 🎯 admin 🗘
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Report Purging

Purging reports leads to creation of space for new reports. A separate report index is created for each report job as each report job can have a different recurrence interval. So, the number of reports that are generated in a given period of time may be different for different report jobs. Separate report indexes help in purging the reports easily. Each report index has a maximum size limit of 100MB and a maximum report count of 500. If the limits are exceeded, the older reports are deleted to make space for new reports.

At any instant, only 70% of the maximum threshold value is retained. For example, consider a scenario in which the maximum report index size is 100MB. On purging, only reports that take up to 70MB space on an average are retained. This provides space for new reports that are generated. The maximum report count of 500 also has a threshold value of 70%.

• To modify the limits and the threshold percentage values, use the following REST API:

URL: appcenter/Cisco/preport/integrated/admin/reportconfig

METHOD: POST

You can configure one or more threshold attributes and values.

{
 <threshold attributes>: <value>
}

The <threshold attributes> are given below-

MAX_REPORT_SIZE: Maximum size of the report index in KB

MAX_USAGE_PERCENTAGE: Maximum percentage of "MAX_REPORT_SIZE" to retain

MAX_NUMBER_OF_REPORTS: Maximum number of reports

MAX_NUMBER_OF_REPORTS_PERCENTAGE: Maximum percentage of

"MAX_NUMBER_OF_REPORTS" to retain

MAX_HISTORY_SIZE: Maximum size of history in KB

MAX_HISTORY_PERCENTAGE: Maximum Percentage of "MAX_HISTORY_SIZE" to retain

MAX_NUMBER_OF_HISTORY: Maximum number of historical reports to retain MAX_NUMBER_OF_HISTORY_PERCENTAGE: Maximum percentage of "MAX_NUMBER_OF_HISTORY" to retain

Enter integers for the <value> attribute.

• *To retrieve the currently configured limits, use the following API:

URL: appcenter/Cisco/preport/integrated/admin/reportconfig

METHOD: GET

• To retrieve current utilization statistics, use the following API:

URL: appcenter/Cisco/preport/integrated /admin/index/stats

METHOD: GET

• Reports are purged once a day at 12 AM. You can also initiate a purge. To initiate a purge, use the following-

REST API:

URL: appcenter/Cisco/preport/integrated/admin/purge/report

METHOD: POST

• Report execution history is stored in a single index for all the jobs and purged at even hours. The maximum index limit for report execution history is 1000 and the maximum size allowed is 500MB. To change these limits, use the following REST API:

URL: appcenter/Cisco/preport/integrated/admin/reportconfig

METHOD: POST

• To initiate a purge of the report execution history, use the following REST API:

URL: appcenter/Cisco/preport/integrated/admin/purge/history

METHOD: POST

• To initiate a purge of both reports and report execution history, use the following REST API: URL: *appcenter/Cisco/preport/integrated/admin/purge*

METHOD: POST

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