

Reports

Table 1: Feature History

Feature Name	Release Information	Description
Reports	Cisco vManage Release 20.10.1 Cisco IOS XE Catalyst SD-WAN Release 17.10.1a	Reports provide a summarized view of the health and performance of the sites, devices, and tunnels in your network. You can schedule a report, download it as a PDF document, and receive it as an email. The **Reports** menu has been added to Cisco SD-WAN Manager.
Additional Report Types and Formats	Cisco Catalyst SD-WAN Manager Release 20.15.1	This feature introduces several new report types, including Security reports, which are available in CSV or PDF format.

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Information About Reports

In Cisco SD-WAN Manager, you can generate reports with information about the health of your sites, devices, and tunnels.

The following reports are available in Cisco SD-WAN Manager:

- Executive Summary Report
- Link Availability Report
- Site Availability Report

- Link Utilization Report
- Link SLA Report
- Application Usage Report
- IPS Event Collection Report
- Firewall Enforcement Report
- Malware File Collection Report
- Internet Browsing Report
- All Applications Report



Note The All Applications Report is available only on a Converged dasboard. For more information about Converged dashboard, see Converged Dashboard for SD-WAN Analytics and SD-WAN Manager.

You can generate these reports in PDF or CSV formats. You can generate up to 100 reports in PDF format, while CSV has no limit.

Restrictions for Reports

- Reports are available in both single-tenant and multitenant deployments. In a multitenant environment, the reports are accessible only through the tenant dashboard.
- From Cisco Catalyst SD-WAN Manager Release 20.18.1, NMS service status is changed to an on-demand model.

  The command **request nms all status** shows **Enabled: false** and **Status: not running** when inactive.

Run a Report

Before You Begin

Ensure you configure email settings in Cisco SD-WAN Manager for scheduling reports. For more information, see Configure Email Settings, on page 3. This step is necessary only if you want the report to be emailed.

Run a Report

1. From the Cisco SD-WAN Manager menu, choose **Reports** > **Reports**.
2. Click **Report Templates**.
3. Choose a report and click **Generate** on the report.

Field	Description
Report Name	Enter a name for the report.
Sites	Choose the sites for which you want to generate the report.
File Type	Choose a file type in which to render the report.
Time Range	Choose the time range for which you want to generate the report. Default: 7 days
Schedule	Choose one of the schedule options. • **Run Now**: Run the report immediately. • **Run Later (One-Time)**: To run the report once, enter the start date and start time. • **Run Recurring**: To run the report periodically, enter the start date and start time, and choose a frequency from the **Repeats** drop-down list.
Delivery	• **Email Report**: Send the report via email. • **Email**: Enter up to five email addresses.

4. Click **Generate Report**.

Configure Email Settings

1. From the Cisco SD-WAN Manager menu, choose **Administration** > **Settings**.
2. In **Alarm Notifications**, choose **Enabled**.

   From Cisco Catalyst SD-WAN Manager Release 20.13.1, click the toggle button to enable cloud services.
3. Check the **Email Settings** check box.
4. Choose the security level for sending the email notifications. The security level can be **None**, **SSL**, or **TLS**.
5. In the **SMTP Server** field, enter the name or the IP address of the SMTP server to receive the email notifications.
6. In the **SMTP Port** field, enter the SMTP port number. For no security, the default port is 25; for SSL it is 465; and for TLS it is 587.
7. In the **From address** field, enter the full email address to include as the sender in email notifications.
8. In the **Reply to address** field, enter the full email address to include in the Reply-To field of the email. This address can be a no-reply address, such as noreply@cisco.com.
9. Check the **Use SMTP Authentication** check box to enable SMTP authentication to the SMTP server.

If you enable SMTP authentication and do not select an SMTP port (port 25), Cisco SD-WAN Manager internally sets the SSL protocol property when it sends the email notification. This ensures the email is sent securely.

Enter the username and password to use for SMTP authentication. The default user email suffix is appended to the username. The password that you type is hidden.

10. Click **Save**.

View Generated Reports

1. From the Cisco SD-WAN Manager menu, choose **Reports**.
2. Click **My Reports**.

   The **My Reports** page displays all the generated reports. Use the filter options (schedule, status, and time frame) in the **Summary** pane or enter a keyword in the search bar to view the reports of your interest.

Download a Report

The download option is available only if the report generation is complete.

1. From the Cisco SD-WAN Manager menu, choose **Reports**.
2. Click **My Reports**.
3. Click **…** adjacent to the corresponding report name and choose **Download**.

Edit a Report

1. From the Cisco SD-WAN Manager menu, choose **Reports**.
2. Click **My Reports**.
3. Click **…** adjacent to the corresponding report name and choose **Edit**.
4. In the **Executive Summary Report** pane, review and edit the configured parameters of the report.
5. Click **Update Report**.

After you edit and update the report configuration, any future report generations reflect the new configuration.

Rerun a Report

The option to rerun a report is available when a report is in the scheduled, completed, or failed state.

1. From the Cisco SD-WAN Manager menu, choose **Reports**.
2. Click **My Reports**.

3. Click **…** adjacent to the corresponding report name and choose **Run Now**.

Cancel a Scheduled Report

The cancel option is available only when a report is in the scheduled state.

1. From the Cisco SD-WAN Manager menu, choose **Reports**.
2. Click **My Reports**.
3. Click **…** adjacent to the corresponding report name and choose **Cancel**.

Delete a Report

The delete option is available when a report is in the scheduled, completed, or failed state.

1. From the Cisco SD-WAN Manager menu, choose **Reports**.
2. Click **My Reports**.
3. Click **…** adjacent to the corresponding report name and choose **Delete**.