



## Reports



**Note** To achieve simplification and consistency, the Cisco SD-WAN solution has been rebranded as Cisco Catalyst SD-WAN. In addition, from Cisco IOS XE SD-WAN Release 17.12.1a and Cisco Catalyst SD-WAN Release 20.12.1, the following component changes are applicable: **Cisco vManage** to **Cisco Catalyst SD-WAN Manager**, **Cisco vAnalytics** to **Cisco Catalyst SD-WAN Analytics**, **Cisco vBond** to **Cisco Catalyst SD-WAN Validator**, **Cisco vSmart** to **Cisco Catalyst SD-WAN Controller**, and **Cisco Controllers** to **Cisco Catalyst SD-WAN Control Components**. See the latest Release Notes for a comprehensive list of all the component brand name changes. While we transition to the new names, some inconsistencies might be present in the documentation set because of a phased approach to the user interface updates of the software product.

**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 <b>Reports</b> menu has been added to Cisco SD-WAN Manager.

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# Information About Reports

Reports are comprehensive datasets from a specific time period. A report can be a single page or multiple pages long, including different visualizations. Reports allow you to get a deeper understanding of data and identify causes. You can generate a report in Cisco SD-WAN Manager and utilize the data to understand the health of sites, devices, and tunnels. This feature provides flexible scheduling options, and generates the data in several formats, including heat maps, pie charts, and bar charts.

## Restrictions for Reports

This feature is available in both single-tenant and multitenant deployments. However, in multitenant deployments, this feature is available only for the tenant dashboard.

## Run a Report

*Table 2: 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 <b>Reports</b> menu has been added to Cisco SD-WAN Manager.

### Before You Begin

Ensure that the email settings are configured in Cisco SD-WAN Manager for scheduling reports. This step is required only if you want to schedule the report to be emailed.

## 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. 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**.

## Run a Report

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



**Note** In the **Executive Summary Report** section, click the header to view a sample report. Use the scroll bar to review the entire report. The following data is presented:

- Data metrics and summaries
- Graphical representation of the data (including heat maps, pie charts, and bar charts)

3. In the **Executive Summary Report** section, click **Create Report** to configure parameters to build a report.

Field	Description
<b>Enter Report Name</b>	Enter a name for the report
<b>Site</b>	Click <b>Edit</b> adjacent to this field, and choose the sites for which you want to generate the report.
<b>Time Frame</b>	Choose the time range for which you want to generate the report. Values: 7 Days, 30 days Default: 30 days
<b>Email Report</b>	Check this check box if you want to schedule the report to be emailed.
<b>Enter Email</b>	Enter up to a maximum of five email addresses.
<b>Schedule</b>	Click one of the schedule options. Values: Run Now, Run Later (One-Time), Run Recurring <ul style="list-style-type: none"> <li>• If you click <b>Run Later (One-Time)</b>, enter the <b>Start Date</b> and <b>Start Time</b>.</li> <li>• If you click <b>Run Recurring</b>, choose the frequency from the <b>Repeats</b> drop-down list, and enter the <b>Start Date</b> and <b>Start Time</b>.</li> </ul>

4. Click **Create Report**.

## View Generated Reports

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

The **My Reports** page displays the instance details of 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**.

Once 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**.

