

Cisco SD-WAN Manager Data Storage

- Information About Cisco SD-WAN Manager Data Storage, on page 1
- Configure Cisco SD-WAN Manager Data Storage, on page 1
- View Cisco SD-WAN Manager Data Storage, on page 4

Information About Cisco SD-WAN Manager Data Storage

Cisco SD-WAN Manager stores broad range of information including device configuration information, alarms, audit logs, various metrics, firewall rules and so on, in a database.

Configure Cisco SD-WAN Manager Data Storage

1. From the Cisco SD-WAN Manager menu, choose **Administration** > **Settings**.
2. Click **Statistics Database Configuration** section, to view the maximum space available for the database.
3. For each field in the **Statistics Type** column, assign the amount of storage to be allocated, in gigabytes (GB). The total value of all the fields cannot exceed the maximum available space.

Table	Description
Approute Index Name: approutestatsstatistics	SDWAN Tunnel SLA, which is used to Calculate Tunnel SLA
- Aggregated SAIE Index Name: aggregatedappsdpistatistics	Aggregated application data for certain edges and interfaces. this is used to calculate application usage for certain site/device
Audit Log	Audit Log
vnf statistics	Service Chain Health Statistics data for Clouddock
Firewall	Firewall rule and counters
IPS Alert	Intrusion Prevention System, which is used to Monitors network traffic and analyzes against a defined rule set.

Table	Description
CloudExpress	Cloud onRamp
AppHosting	
Alarm	Alarms
Performance Monitor	Application Performance, this is used to measure performance of each application and site.
NWPI	Network wide path insight trace, flow, packet, aggregation and task data
umts-monitoring	Underlay network performance measurement
URLF	URL filtering allows you to control access to Internet websites by permitting or denying access to specific websites based on information contained in an URL list
Bridge Interface	Cisco vEdge devices bridge interface rx/tx statistics
Device Events	Events received from devices
EIO	EIO module 3G/4G/5G statistics
Device Configuration	Device Running Configuration
Interface	Device Interface Table
Wlan Client Info	
UtdDaqIox	
Speed Test	Speed Test Record
BridgeMac	Cisco vEdge device per interface/mac address rx/tx statistics
Device System Status	Device System Status including CPU, memory, disk etc
umts-event-tunnel-sla-change	underlay performance measurement triggered by tunnel SLA changes.
QoS	statistics/counters of each interface queues.
Tracker Statistics	Endpoint Tracker SLA metrics
Sleofflinereport	
Flow Log	Flowlog feature(should be applicable for Cisco vEdge devices only)
DeviceHealth	Device Health Table

Table	Description
Umbrella	Umbrella Integration feature enables cloud-based security service by inspecting the Domain Name System (DNS) query that is sent to the DNS server through the device.
Network-wide Packet Insight (raw)	NWPI raw data storage
umts-event-tunnel-pmtu-change	Underlay performance measurement triggered by tunnel path MTU changes.
Security Unified Logging	This feature supports Unified Logging which is used to capture information about connection events across different security features at different stages during policy enablement and execution. With Unified Logging, you can have visibility to the log data for Zone-based Firewall and for Unified Threat Defense features such as IPS, URL-F and AMP to understand what traffic, threats, sites or malware were blocked, and the rules that blocked the traffic or sessions with the associated port, protocol or applications. Additionally, this feature also provides support for On-Demand Troubleshooting. On-Demand troubleshooting allows a user to view the connection events of different flows of traffic from a device within a configured period of time.
SiteHealth	Site Health Table
Artstatistics	
UMTS Rest Event	Underlay performance measurement triggered by other events except tunnel SLA change and Path MTU changes.
SAIE	Raw DPI record, per IP flow tx/rx counters.
Aggregated Tunnel SLA approutestatsstatistics_routing_summary	Aggregated 24 hours SLA for each tunnel
Aggregated Tunnel SLA approutestatsstatistics_transport_summary	Aggregated 24 hours SLA for each color combination

4. Click **Save**.

   Cisco SD-WAN Manager updates the storage allocations that you have assigned once a day, at midnight.

View Cisco SD-WAN Manager Data Storage

From the Cisco SD-WAN Manager menu, choose **Administration** > **Settings** > **Statistics Database Configuration**.

This shows the space available for the database and the total amount of space currently being used by each data type.

For information about disk size recommendations and requirements, see the server recommendations for your release in Cisco Catalyst SD-WAN Controller Compatibility Matrix and Server Recommendations.