

Getting started with the SD-WAN Manager API

- SD-WAN Manager APIs, on page 1

SD-WAN Manager APIs

SD-WAN Manager API is a Representational State Transfer Application Programming Interface (REST API) that is used for:

- controlling, configuring, and monitoring the Cisco devices in an overlay network, and
- enabling clients to utilize the features provided by SD-WAN Manager.

Use cases

Some of the use cases for SD-WAN Manager API are:

- Provisioning: Streamline manual tasks with automation. APIs enable the automated provisioning of Cisco Catalyst SD-WAN overlays, eliminating the need for network administrators to manually configure routers, routing, security policies, or other SD-WAN features. Organizations can utilize provisioning platforms or automation tools, laying the groundwork for Network as Code.
- Network visibility: APIs enhance network visibility by allowing seamless integration with monitoring tools to collect and analyze network performance data. They provide insights into network traffic, device status, and potential issues, enabling proactive management and troubleshooting.
- Integration with third-Party tools: Enhance API integration with external network management and monitoring solutions to offer a more comprehensive view of the network environment.
- Network as Code: Leverages APIs from Cisco Catalyst SD-WAN Manager to automate network configuration and management, treating network infrastructure as programmable assets. This approach enables streamlined deployment, consistent configuration, and rapid adaptation to changes, enhancing efficiency and reducing errors.

For more information, see Cisco Catalyst SD-WAN Manager API Guide.