

Cisco Optical Site Manager

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Cisco Optical Site Manager provides centralized management and visibility for all optical devices within a site, enabling efficient automation and site-level operations for software-defined optical networks.

Cisco Optical Site Manager offers these key features that facilitate site-level aggregation and management of optical devices:

- **Site Aggregation for Optical Sites:** Aggregates NCS 1010, NCS 1014, NCS 1004, and NCS 1001 devices, giving a unified view of optical site topology and supporting abstraction for OLS, OT, and combined OLS+OT sites.
- **Site-Level Management:** Collects and manages comprehensive site information, including inventory, topology, performance monitoring, and correlated alarms, for streamlined site operations.

Cisco Optical Site Manager delivers enhanced operational control and monitoring capabilities:

- **Web-Based User Interface:** Provides a user-friendly Web UI for managing NCS 1000 devices, visualizing chassis, cards, and passive components, and monitoring active and acknowledged alarms.
- **High Availability:** Can be configured for high availability across two devices within the same network, ensuring continued manageability if one hosting device fails (feature planned for release 24.1).
- **Performance Monitoring:** Enables tracking of current and historical performance metrics for cards and chassis, with options to verify connections and perform loopbacks.

Log into Cisco Optical Site Manager

Access the Cisco Optical Site Manager web interface to manage and monitor optical site topology, device inventory, performance, and alarms.

Before you begin

Perform the Standalone Cisco Optical Site Manager Configuration.

Follow these steps to log into Cisco Optical Site Manager web interface:

Procedure

Step 1 Enter the IP address of the Cisco Optical Site Manager instance in the browser URL field.
The Cisco Optical Site Manager login page appears.

Step 2 Enter the username and password.

Note
Use the credentials configured during the Standalone Cisco Optical Site Manager Configuration) to log into a Cisco Optical Site Manager.

Step 3 Click **Login**.

The **Topology** page appears.