

# Cisco Optical Site Manager


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# Cisco Optical Site Manager

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.