

Monitoring

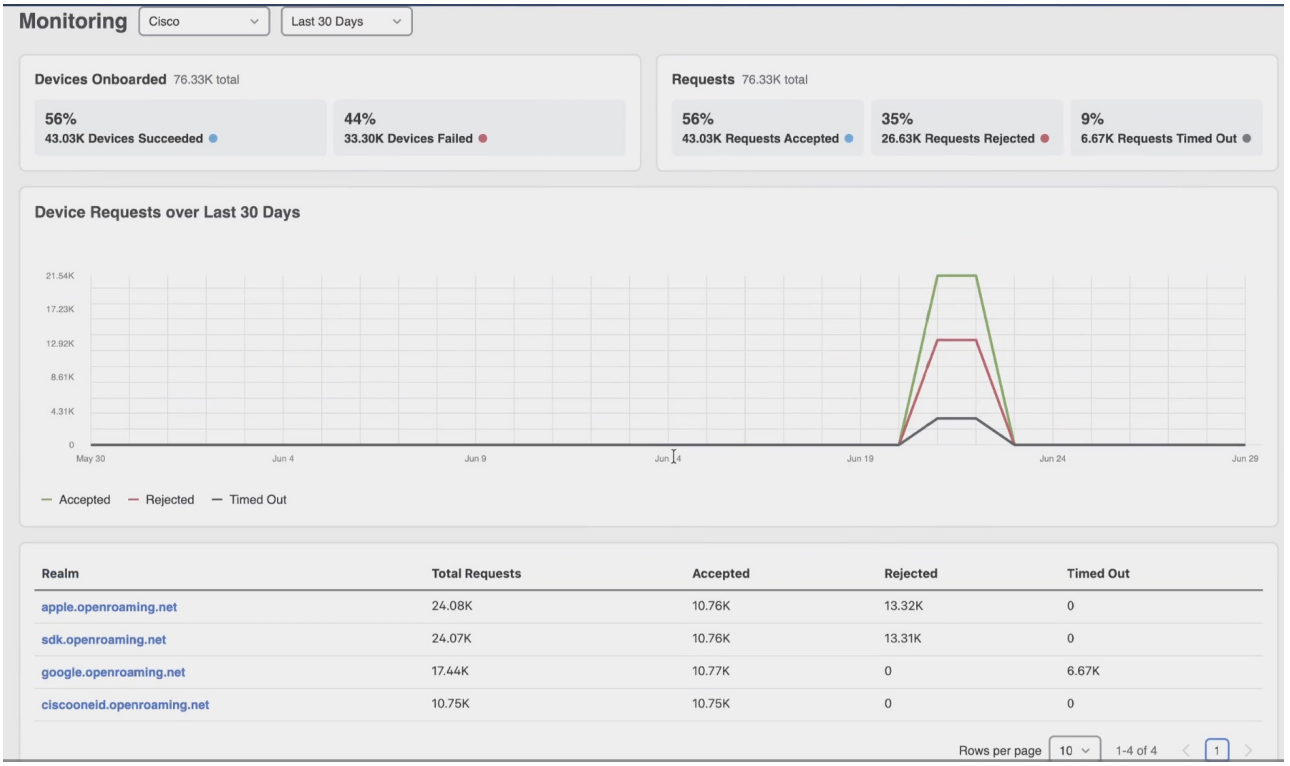
- Monitoring, on page 1
- View OpenRoaming monitoring data, on page 2
- OpenRoaming monitoring data, on page 3

Monitoring

The **Monitoring** dashboard provides visibility into OpenRoaming authentication activity. It enables administrators to monitor authentication trends, identify failures, and analyze Identity Provider (IdP) activity through a centralized dashboard. The dashboard presents authentication information through graphical and tabular views.

Note Monitoring uses the existing OpenRoaming configuration. You do not need additional configuration to view monitoring data after you configure OpenRoaming and controllers send authentication data.

Figure 1: Monitoring



View OpenRoaming monitoring data

Before you begin

Configure OpenRoaming.

Procedure

Step 1 In Cisco Spaces, choose **OpenRoaming** > **Monitoring**.

Step 2 To narrow the data to a specific identity provider, select an IDP.

Step 3 Select a time range.

You can view data for 8 hours, 24 hours, 1 week, or 30 days.

Step 4 Review **Devices Onboarded** to compare successful and failed onboarding activity.

Step 5 Review **Requests** to compare accepted, rejected, and timed-out authentication requests.

Step 6 Use the device requests graph to review request trends for the selected time range.

Step 7 In the **Realm** table, click a realm to view more details for that realm.

The details open on the page. Click **Close** to return to the monitoring dashboard.

Step 8 Use the **Network/Controller** table to review request activity by controller and network type.

OpenRoaming monitoring data

The **Device Onboarding** section displays the number and percentage of devices that successfully completed onboarding and those that failed.

The **Requests** section displays the following authentication request statistics as both numbers and percentages.

The **Device Requests** section displays graphical metrics that represent authentication activity over the selected time period.

Table 1: Realm

Realm	Total Requests	Accepted Requests	Rejected Requests	Timed-Out Requests
Domain or realm that generated authentication requests.	Total number of authentication requests from the realm.	Total number of accepted requests from the realm.	Total number of rejected requests from the realm.	Total number of timed-out requests from the realm.

Table 2: Network and Controller

Network and Controller	Total Requests	Accepted Requests	Rejected Requests	Timed-Out Requests	Network
List of network and controller	Total number of authentication requests from the controller.	Total number of accepted requests from the controller.	Total number of rejected requests from the controller.	Total number of timed-out requests from the network and controller.	Total number of network.