

Subscribing to Notifications

The **Settings > Notification Subscriptions** page enables you to subscribe to event notifications of interest and prioritize each type of event. Then, provided you are a user with [superuser](#) status, you can then send subscribed events to your preferred external syslog server. Here, they can be combined with notifications from other sources to become a rich resource for network analysis.

Notifications pertaining to discrete network devices, all network devices in a zone, and the global Lumeta system are made available in a variety of useful contexts throughout Lumeta such as the Events by Type and Events by Zone dashboards and the All Notifications, Notifications by Type, and Notifications by Priority reports.

Device- & System-Level Notifications

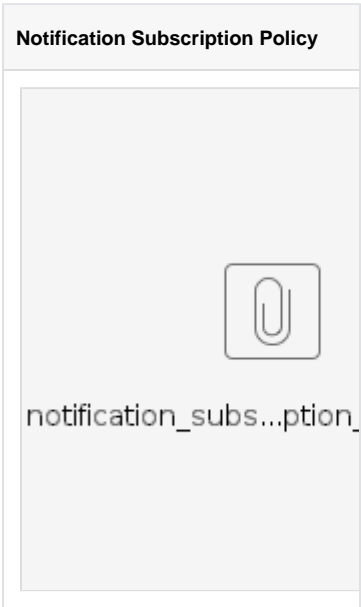
Device-level Notifications provide topology-related information pertaining to all devices in a single zone. You can subscribe to notifications that indicate when a network box became active on the network and when it stopped being responsive. Or you can be notified when Lumeta discovers a device, edge, node, or leak. Lumeta reports on all event types by default.

1. On the Lumeta main menu, browse to **Settings > Notification Subscriptions**.
2. On the Devices tab, first subscribe (**Add**) or revise your subscription (**Edit**) to the events.
3. Clear the Subscribed checkbox to stop receiving notifications on event types that are not of interest to your organization.
4. Select the Subscribed checkbox for those notification types you want to receive.
5. Specify the level of urgency associated with each category of event: low is informational, medium is warning, or high is alert.

Standard Device-level Notifications

Event Name	Event Type	Category	Enabled	Priority
Device Activity	DEVICE_ACTIVITY	DEVICES	t	INFO
Device Discovered	DEVICE_DISCOVERED	DEVICES	t	INFO
Device Profiled	DEVICE_PROFILED	DEVICES	t	INFO
Device Removed	DEVICE_REMOVED	DEVICES	t	INFO
Device Updated	DEVICE_UPDATED	DEVICES	t	WARN
Edge Discovered	LINK_DISCOVERED	DEVICES	t	INFO
Leak Discovered	LEAK_DISCOVERED	DEVICES	t	WARN
Node Discovered	FORWARDER_DISCOVERED	DEVICES	t	INFO
Notification Acknowledged	NOTIFICATION_ACKNOWLEDGED	DEVICES	t	INFO
Notification Acknowledged All	NOTIFICATION_ACKNOWLEDGED_ALL	DEVICES	t	INFO
Open Port Discovered	PORT_ACTIVITY	DEVICES	t	INFO
Router Updated	ROUTER_UPDATED	DEVICES	t	INFO
Router Discovered	ROUTER_DISCOVERED	DEVICES	t	INFO
Router Removed	ROUTER_REMOVED	DEVICES	t	INFO
Router Updated	ROUTER_UPDATED	DEVICES	t	INFO

You can choose to filter the device notifications by device type, vendor, operating system, and other criteria.



Analyzer Appliance Blade Bridge Communications Server Firewall Gateway General Purpose	Device Type:	Cellvision CheckPoint Checkpoint_Lantronix Checkpoint/Lantronix Ciena Cisco Cisco Topspin CNT	Vendor:	Data OnTAP DEC Digital UNIX DEC OpenVMS DEC OSF/1 DEC VMS Drac Embedded Embedded (Allen-Bradley)	OS:
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System-level Notifications indicate administrative activities and statuses related to the running of all of Lumeta (i.e., all zones) such as a mechanism starting or stopping, a collector being created, updated or removed, a job starting or completing, or a license in need of some level of attention (i.e., a license reminder, warning, or violation.)

- On the System tab, first subscribe (**Add**) or revise your subscription (**Edit**) to the events.
- Clear the Subscribed checkbox to stop receiving notifications on event types that are not of interest to your organization,
- Select the Subscribed checkbox for those notification types you want to receive.
- Specify the level of urgency associated with each category of event: low is informational, medium is warning, or high is alert.

In Reports > Browse Real-Time, you can view the All Notifications report, export the notification history, refresh the report page, and sort report data alphanumerically by clicking column headings.

The following tables shows default Event Name|Event Type for System Notification that the Lumeta box comes with. You cannot add more System Notifications, but you can subscribe/unsubscribe from this list:

Event Name	Event Type	Category	Enabled	Priority
Agent Connected	AGENT_CONNECTED	SYSTEM	f	INFO
Agent Started	AGENT_START	SYSTEM	f	INFO
Agent Status	AGENT_STATUS	SYSTEM	t	INFO
Agent Stopped	AGENT_STOP	SYSTEM	f	ALERT
Collector Created	COLLECTOR_CREATED	SYSTEM	t	INFO
Collector Removed	COLLECTOR_REMOVED	SYSTEM	t	ALERT
Collector Updated	COLLECTOR_UPDATED	SYSTEM	t	INFO
Discovery Agent Notification	AGENT_NOTIFICATION	SYSTEM	t	INFO
Job Completed	JOB_COMPLETED	SYSTEM	t	INFO
Job Started	JOB_STARTED	SYSTEM	t	INFO
License Reminder	LICENSE_REMINDER	SYSTEM	t	WARN
License Violation	LICENSE_VIOLATION	SYSTEM	t	ALERT
License Warning	LICENSE_WARNING	SYSTEM	t	WARN
Log Level Updated	LOGLEVEL_UPDATED	SYSTEM	f	INFO
Remote Update Started	UPDATE_REMOTE	SYSTEM	t	INFO
Scout Connected	SYSTEM_CONNECT	SYSTEM	t	INFO
Scout Disconnected	SYSTEM_DISCONNECT	SYSTEM	t	ALERT
Update Error	UPDATE_ERROR	SYSTEM	t	ALERT
Update Step	UPDATE_STEP	SYSTEM	t	INFO
Update Warning	UPDATE_WARNING	SYSTEM	t	WARN
User Created	USER_CREATED	SYSTEM	t	INFO
User Removed	USER_REMOVED	SYSTEM	t	ALERT

User Updated	USER_UPDATED	SYSTEM	t	INFO
Zone Created	ZONE_CREATED	SYSTEM	t	INFO
Zone Removed	ZONE_REMOVED	SYSTEM	t	ALERT
Zone Updated	ZONE_UPDATED	SYSTEM	t	INFO