

# Metric logs

**Metric Logs**

Transaction date/time	Element	Origin	Location	Metric / parameter	Result	Organization
Feb 13, 2026, 05:49:45.654 PM	nms-st01.ops.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Amazon Web Services	Ignored packages	-	Zequenze
Feb 13, 2026, 05:49:45.654 PM	nms-st01.ops.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Amazon Web Services	Removed packages	-	Zequenze
Feb 13, 2026, 05:49:45.654 PM	nms-st01.ops.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Amazon Web Services	Installed packages	-	Zequenze
Feb 13, 2026, 05:49:45.654 PM	nms-st01.ops.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Amazon Web Services	Upgraded packages	-	Zequenze
Feb 13, 2026, 05:49:44.376 PM	nms-st01.ops.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Amazon Web Services	Pending upgrades	0.0	Zequenze
Feb 13, 2026, 05:49:17.599 PM	gate01.dev.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Ignored packages	-	Zequenze
Feb 13, 2026, 05:49:17.599 PM	gate01.dev.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Removed packages	-	Zequenze
Feb 13, 2026, 05:49:17.599 PM	gate01.dev.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Installed packages	-	Zequenze
Feb 13, 2026, 05:49:17.599 PM	gate01.dev.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Upgraded packages	-	Zequenze
Feb 13, 2026, 05:49:16.365 PM	gate01.dev.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Pending upgrades	4.0	Zequenze
Feb 13, 2026, 05:48:53.302 PM	flux01.prd.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Amazon Web Services	Ignored packages	-	Zequenze
Feb 13, 2026, 05:48:53.301 PM	flux01.prd.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Amazon Web Services	Removed packages	-	Zequenze
Feb 13, 2026, 05:48:53.301 PM	flux01.prd.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Amazon Web Services	Installed packages	-	Zequenze
Feb 13, 2026, 05:48:53.301 PM	flux01.prd.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Amazon Web Services	Upgraded packages	-	Zequenze
Feb 13, 2026, 05:48:52.932 PM	flux01.prd.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Amazon Web Services	Pending upgrades	0.0	Zequenze
Feb 13, 2026, 05:48:27.410 PM	ctl01.dev.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Ignored packages	-	Zequenze
Feb 13, 2026, 05:48:27.410 PM	ctl01.dev.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Removed packages	-	Zequenze
Feb 13, 2026, 05:48:27.410 PM	ctl01.dev.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Installed packages	-	Zequenze
Feb 13, 2026, 05:48:27.410 PM	ctl01.dev.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Upgraded packages	-	Zequenze
Feb 13, 2026, 05:48:26.486 PM	ctl01.dev.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Pending upgrades	4.0	Zequenze
Feb 13, 2026, 05:48:02.847 PM	ctl01.qac.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Ignored packages	-	Zequenze
Feb 13, 2026, 05:48:02.847 PM	ctl01.qac.zequenze.com [Ubuntu Linux server/VM]	Scheduler	Google Cloud	Removed packages	-	Zequenze

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FLUX admin portal (dev) v1.0.0-dev

## Overview

The **Metric Logs** page in the Zequenze FLUX Admin Portal provides a comprehensive view of all metric data collected from various devices and sensors in your fleet. This centralized logging system displays real-time and historical metric information, allowing administrators to monitor system performance, track data collection activities, and troubleshoot connectivity issues across their IoT infrastructure.

## Key Features

- **Real-time Metric Monitoring:** View live data streams from connected devices and sensors
- **Historical Data Access:** Browse through timestamped metric logs with detailed filtering options
- **Multi-parameter Tracking:** Monitor various data types including package management operations (ignored, removed, installed, upgraded, pending upgrades)
- **Advanced Filtering:** Filter logs by date/time, element, location, profile, parameter, and organization
- **Data Export Capabilities:** Export metric data for external analysis and reporting
- **Pagination Support:** Navigate through large datasets efficiently with pagination controls

# UI Elements

## Main Data Table

The central table displays metric logs with the following columns:

- **Transaction date/time:** Timestamp of when the metric was recorded (Feb 13, 2026 format with precise timestamps)
- **Element:** Device or sensor identifier (shows various servers including nms-st01.ops.zequenze.com, gate01.dev.zequenze.com, flux01.prd.zequenze.com, ctt01.qat.zequenze.com, and ctt01.dev.zequenze.com with Ubuntu Linux server/VM configurations)
- **Origin:** Source of the data collection (Scheduler)
- **Location:** Physical or logical location of the device (Amazon Web Services, Google Cloud)
- **Metric/Parameter:** Type of operation being tracked (Ignored packages, Removed packages, Installed packages, Upgraded packages, Pending upgrades)
- **Result:** Actual metric values showing numerical results (0.0, 4.0) with information icons, or dashes for non-numerical results
- **Organization:** Associated organization (Zequenze)

## Filter Panel (Right Sidebar)

The filter panel is positioned on the right side with the following elements:

- **Active Filters:** Shows currently applied filters with "Proceed" status indicator at the top
- **Date/Time Filter:** "Last hour" dropdown selection
- **Records Per Page:** Set to "50 records" with dropdown options
- **Element Filter:** "Click for options" dropdown
- **Profile Filter:** "Click for options" dropdown
- **Location Filter:** "Click for options" dropdown
- **Parameter Filter:** "Click for options" dropdown

- **Organization Filter:** "Click for options" dropdown with "Sub-organizations" checkbox option
- **Proceed Button:** Green "Proceed" button at the bottom to apply selected filters

## Top Navigation Bar

- **Refresh Button:** Circular refresh icon on the left side to reload metric data
- **Search Field:** Global search functionality across metric logs with magnifying glass search icon
- **View Toggle:** Eye icon for view options
- **Export Button:** Blue export button for downloading filtered data to external formats
- **Reports Button:** Blue reports button for generating custom reports from metric data
- **Filter Toggle:** Green button with filter icon and dropdown arrow to show/hide the filter panel, with "FILTER" label and close 'X' button when expanded

# User Interactions

## Viewing Metrics

- Users can scroll through the paginated list of metric entries
- Click on column headers to sort data by specific criteria
- Use the pagination controls at the bottom (1, 2, Next, showing "60 results" with "Show all" option) to navigate through results
- Click the refresh button to reload the latest metric data

## Filtering Data

- Access the filter panel by clicking the green filter button on the right side
- Select specific time ranges using the Date/Time dropdown
- Choose specific elements, profiles, locations, or parameters from their respective dropdowns
- Toggle "Sub-organizations" checkbox to include or exclude sub-organization data
- Click the green "Proceed" button at the bottom to apply selected filters
- Apply multiple filters simultaneously for refined results
- Use the 'X' button in the top-right corner to close the filter panel

## Data Export

- Click the blue "Export" button to download filtered metric data
- Select from available export formats for external analysis

# Navigation

## Accessing the Page

- Navigate from the main Dashboard via the left sidebar menu
- Select **Inventory** → **Metrics** from the navigation tree
- The page is accessible at the URL path: `/admin/inventory/metriclog/`
- Breadcrumb navigation shows: Home > Inventory > Metric logs

## Related Pages

- **Dashboard:** Return to main overview
- **Inventory:** Access other inventory management features
- **Elements:** Manage individual device configurations
- **Settings:** Configure metric collection parameters
- **Configuration blocks:** Configure metric collection rules
- **Profiles:** Manage device profiles
- **Groups:** Organize elements into groups
- **Scripts:** Automate metric collection
- **Locations:** Manage location settings
- **Credentials:** Configure authentication for devices

# Data Displayed

## Metric Types

The system tracks package management operations across devices:

- **Ignored packages:** Packages that are excluded from management operations
- **Removed packages:** Packages that have been uninstalled from systems
- **Installed packages:** Packages that have been newly installed
- **Upgraded packages:** Packages that have been updated to newer versions
- **Pending upgrades:** Packages awaiting update operations

## Device Integration

The system tracks metrics from various infrastructure elements including:

- **nms-st01.ops.zequenze.com:** Ubuntu Linux server/VM on Amazon Web Services
- **gate01.dev.zequenze.com:** Ubuntu Linux server/VM on Google Cloud

- **flux01.prd.zequenze.com**: Ubuntu Linux server/VM on Amazon Web Services
- **ctt01.dev.zequenze.com**: Ubuntu Linux server/VM on Google Cloud
- **ctt01.qat.zequenze.com**: Ubuntu Linux server/VM on Google Cloud

## Data Values

The system tracks metrics with:

- **Numerical Results**: Values like 0.0, 4.0 displayed with information icons providing additional context
- **Non-numerical Results**: Represented by dashes (-) for operations without quantifiable values
- **Package Counts**: Tracking the number of packages affected by various operations

## Temporal Data

- All entries are timestamped with precise date and time information
- Data spans multiple time periods for historical analysis
- Recent entries from February 13, 2026 are displayed with timestamps ranging from 05:48 to 05:49 PM

## Actions Available

### Primary Actions

- **Refresh Data**: Click the refresh button to reload the latest metric information
- **Filter Metrics**: Apply various filters to narrow down displayed data using the green filter button
- **Export Data**: Download metric information for external use using the blue export button
- **Generate Reports**: Create formatted reports from selected metrics using the blue reports button
- **Search Records**: Use the search function with magnifying glass icon to find specific entries
- **Paginate Results**: Navigate through large datasets using page controls (1, 2, Next) or click "Show all" to view all 60 results
- **Toggle View Options**: Use the eye icon to adjust viewing preferences

### Administrative Actions

- **Monitor Real-time Data**: View live metric updates as they occur

- **Analyze Trends:** Compare historical data across different time periods
- **Track Package Operations:** Monitor package management activities across the infrastructure
- **Multi-cloud Monitoring:** Track operations across Amazon Web Services and Google Cloud deployments
- **Organization Management:** Filter data by organization and sub-organizations

## Notes/Tips

### Performance Optimization

- Use specific filters to reduce large dataset load times
- Consider exporting data for complex analysis rather than processing in-browser
- The default "Last hour" filter helps focus on recent activity
- Use the refresh button to ensure you're viewing the most current data

### Data Interpretation

- **0.0 Results:** May indicate no packages matched the operation criteria during the measurement period
- **Dash (-) Results:** Indicate operations that don't produce numerical results but were successfully executed
- **Information Icons:** Hover over or click the information icons next to numerical results for additional context
- **Pending Upgrades:** Non-zero values indicate packages awaiting updates that may require attention

### Best Practices

- Regularly monitor package management metrics to maintain system security and stability
- Use the organization filter when managing multi-tenant environments
- Export historical data periodically for long-term trend analysis and compliance reporting
- Monitor both installed and upgraded packages to track system changes
- Track pending upgrades to ensure timely security updates
- Monitor operations across both Amazon Web Services and Google Cloud to maintain multi-cloud visibility
- Use the sub-organizations filter to analyze metrics at different organizational levels

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Revision #23

Created 2025-11-11 08:23:14 UTC by ipena@zequenze.com

Updated 2026-03-05 22:30:35 UTC by ipena@zequenze.com