

Device logs

The screenshot displays the Zequence CONTROL admin portal interface. The main content area shows a search for device logs that resulted in no data found. A message reads: "Oops! We couldn't find any data. Your search did not match any results. Please try altering your search term, or change the filters." Below this message, it indicates "0 results".

The interface includes a sidebar with navigation options such as Dashboard, Inventory, Settings, Profiles, Parameters, Logs, Metrics, Groups, Scripts, Firmware, Portals, Locations, Files, Organization, Settings, and User log. The top navigation bar shows the user's email (ipenaa@zequence.com) and the organization name (org: Zequence).

On the right side, there is a "FILTER" sidebar with various filter options:

- Active filters:** A "Proceed" button.
- Created:** A dropdown menu set to "Last hour".
- Records per page:** A dropdown menu set to "50 records".
- State:** A dropdown menu set to "All".
- Origin:** A dropdown menu set to "All".
- User:** A button labeled "Click for options".
- Parent device:** A button labeled "Click for options".
- Profile:** A button labeled "Click for options".
- Command / method:** A button labeled "Click for options".
- Action:** A button labeled "Click for options".
- Parameter:** A button labeled "Click for options".
- Status:** A button labeled "Click for options".
- Organization:** A button labeled "Click for options" and a checkbox for "Sub-organizations".

At the bottom of the page, there is a footer with the text: "2026 © zequence Terms of service | Privacy policy | Changelog" and "CONTROL admin portal (dev) v1.2.20-dev".

Overview

The Device Logs section of the Zequence CONTROL Portal provides a comprehensive view of all device activity and configuration changes. This page displays real-time and historical log entries for network devices, allowing administrators to monitor device events, track configuration modifications, and troubleshoot network issues.

Key Features

- **Real-time Log Monitoring:** View live device events and configuration changes as they occur
- **Comprehensive Search:** Advanced search functionality to filter logs by various criteria
- **Export Capabilities:** Export log data for external analysis and reporting
- **Reports Generation:** Generate custom reports from filtered log data
- **Advanced Filtering System:** Expandable filter panel with comprehensive filtering options for precise log analysis
- **No Data State Management:** Clear messaging and guidance when search results return no data

UI Elements

Header Section

- **Search Bar:** Located at the top center for quick log entry searches
- **Reports Button:** Light blue "Reports" button for generating custom reports
- **Filter Toggle:** Green "FILTER" button with close (X) option for toggling the filter panel

Main Data Table

The central table displays log entries with the following columns:

- **Created:** Timestamp of when the event occurred
- **Origin:** Source of the event (e.g., "Automatic")
- **Device:** Device identifier or name
- **Action:** Type of action performed (e.g., "Set", "Create", "Event: Boot", etc.)
- **Name/Variable Name:** Specific parameter or event name affected
- **Value:** Current or new value of the parameter
- **Status:** Overall status indicator

Current Data Display

The page currently shows no search results with a "No Data" state displaying:

- **Search Icon:** Large magnifying glass icon with folder representation indicating search functionality
- **No Data Message:** "Oops! We couldn't find any data" prominently displayed
- **Helpful Text:** "Your search did not match any results. Please try altering your search term, or change the filters."
- **Results Counter:** "0 results" shown at the bottom left

Filter Panel (Right Side)

The expandable filter panel is currently open and displays comprehensive filtering options:

- **Panel State:** Currently expanded, showing all available filter options
- **Toggle Control:** Green filter button with X close option for showing/hiding the panel
- **Active Filters Header:** "Active filters" section at the top showing currently applied filters
- **Primary Action:** Green "Proceed" button at the top for applying filter selections
- **Filter Options** (currently visible):
 - **Created:** Time-based filtering with "Last hour" dropdown selection
 - **Records per page:** Currently set to "50 records"
 - **State:** Dropdown with "All" selected
 - **Origin:** Dropdown with "All" selected
 - **User:** "Click for options" field
 - **Parent device:** "Click for options" field
 - **Profile:** "Click for options" field
 - **Command / method:** "Click for options" field
 - **Action:** "Click for options" field
 - **Parameter:** "Click for options" field
 - **Status:** "Click for options" field
 - **Organization:** "Click for options" field with "Sub-organizations" checkbox option
- **Apply Button:** Green "Proceed" button at the bottom of the panel to apply all selected filters

User Interactions

Searching and Filtering

1. **Quick Search:** Enter search terms in the top search bar and click the search icon
2. **Filter Panel Access:** Click the green "FILTER" button to expand the advanced filtering options
3. **Advanced Filtering:** Use the expandable filter panel on the right with multiple filtering options including time-based, state, origin, and parameter filters
4. **Panel Management:** Use the X button to close the filter panel when not needed

5. **Filter Application:** Use the green "Proceed" buttons (at top and bottom of filter panel) to apply selected filters
6. **Dropdown Interactions:** Click on dropdown menus for Created, Records per page, State, and Origin filters to select specific options
7. **Expandable Options:** Click on "Click for options" fields to access additional filtering criteria
8. **Sub-organization Filtering:** Use the "Sub-organizations" checkbox under Organization to include or exclude child organizations

Data Management

1. **Generate Reports:** Use the "Reports" button to create custom analytical reports
2. **Filter Toggle:** Use the green "FILTER" button to show/hide the filtering interface
3. **Pagination Control:** Adjust records per page display using the dropdown in the filter panel

Event Analysis

1. **Search Refinement:** When encountering no results, modify search terms or adjust filters as suggested
2. **Filter Adjustment:** Use various filter options to expand or narrow search criteria
3. **Time-based Analysis:** Use the "Last hour" filter and other time controls for temporal analysis

Navigation

Access Path

- Navigate from **Home** → **Inventory** → **Device logs** (as shown in breadcrumb)
- Direct URL access via the inventory section of the CONTROL Portal

Related Sections

- **Dashboard:** Return to main dashboard for overview
- **Inventory:** Access device inventory and management
- **Settings:** Configure logging preferences and parameters

Data Displayed

No Results State

When no data matches the current search and filter criteria, the system displays:

- **Clear Visual Indicator:** Large search icon with folder to indicate the search function
- **Informative Message:** Clear explanation that no data was found
- **Helpful Guidance:** Suggestion to modify search terms or adjust filters
- **Filter State Visibility:** Current active filters remain visible for easy modification

Event Types (When Data Available)

- **Configuration Events:** Device parameter setting and management operations
- **Creation Events:** Device interface and component creation events
- **Boot Events:** CWMP '1 BOOT' events for device startup monitoring
- **Auto-onboarding Events:** Automated device provisioning and configuration events
- **Management Events:** Device management server configuration activities

Actions Available

Primary Actions

- **Search:** Filter and locate specific log entries
- **Generate Reports:** Create analytical reports from log data
- **Toggle Filters:** Use the green "FILTER" button to show/hide advanced filtering options
- **Real-time Monitoring:** View live device events and changes

Filtering Actions

- **Panel Toggle:** Click the green "FILTER" button to expand/collapse filtering options
- **Time Filtering:** Use "Created" dropdown to filter by time periods (Last hour, etc.)
- **Records Control:** Adjust "Records per page" to control data display (currently 50 records)
- **State Filtering:** Filter by device operational state using the State dropdown
- **Origin Filtering:** Filter by event source or origin using the Origin dropdown
- **User-based Filtering:** Access user filtering options by clicking "Click for options" in the User field
- **Parent Device Filtering:** Access parent device filtering by clicking "Click for options"
- **Profile Filtering:** Access profile filtering by clicking "Click for options"
- **Command/Method Filtering:** Access command/method filtering by clicking "Click for options"
- **Action Filtering:** Access action filtering by clicking "Click for options"

- **Parameter Filtering:** Access parameter-based filtering by clicking "Click for options"
- **Status Filtering:** Access status filtering by clicking "Click for options"
- **Organization Filtering:** Access organization filtering by clicking "Click for options", with option to include sub-organizations via checkbox
- **Filter Application:** Use the green "Proceed" buttons at the top and bottom of the filter panel to apply all selected filters
- **Active Filter Management:** View currently applied filters in the "Active filters" section at the top of the filter panel

Search Optimization Actions

- **Search Term Modification:** Alter search terms when no results are found
- **Filter Adjustment:** Modify active filters to broaden or refine search scope
- **Filter Reset:** Clear filters to expand search results

Notes/Tips

- **No Results Guidance:** When no data is found, the system provides clear guidance to modify search terms or adjust filters
- **Filter Visibility:** Active filters remain visible even when no results are found, making it easy to identify and modify search parameters
- **Search Refinement:** Use the search functionality combined with advanced filters for highly specific log queries
- **Dual Apply Buttons:** The filter panel includes "Proceed" buttons at both the top and bottom for convenient filter application regardless of scroll position
- **Active Filter Tracking:** The "Active filters" section at the top of the filter panel shows currently applied filters for easy filter state management
- **Time-based Filtering:** Use the "Last hour" and other time-based filters for temporal log analysis
- **Pagination Control:** Adjust the records per page (currently 50) to optimize data viewing and performance
- **Filter Visibility:** When the filter panel is expanded, all filtering options are clearly visible for immediate access
- **Interactive Filter Fields:** Several filter options display "Click for options" to indicate they contain expandable selection menus
- **Organization Hierarchy:** Use the "Sub-organizations" checkbox to include or exclude logs from child organizations in your search
- **Search Optimization:** When encountering no results, try broadening search criteria or adjusting time-based filters
- **Real-time Updates:** The log view updates automatically to show new events when they occur