

# Automation tasks

SELECT AUTOMATION TASK TO CHANGE

Home > Automation > Automation tasks

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org: Zequence

FLUX admin portal (dev)

Dashboard

APPLICATIONS

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Search...

<input type="checkbox"/>	Element Groups	Groups	Element groups	Is active	Class	Auto-triggers	Element profiles	Is public	Organization
<input type="checkbox"/>	Task Send notifications docs send_notif_task_docs	-	build.ops	●	Notifications ▼	-	-	●	Zequence
<input type="checkbox"/>	Docs IA docs-ia-generate	-	-	●	CLI ▼	-	Build Linux server/VM ▼	●	Zequence
<input type="checkbox"/>	Refresh ecr secrets on gke refresh-ecr-secrets-gke	-	-	●	CLI ▼	-	Build Linux server/VM ▼	●	Zequence
<input type="checkbox"/>	GKE Cluster Maintenance Icinga2 downtime disable icinga2-maintenance-downtime-dis	-	nms.ops	●	REST/HTTP ▼	-	-	●	Zequence
<input type="checkbox"/>	GKE Cluster Maintenance Window Icinga2 downtime schedule gke-icinga2-downtime-maintenance	-	nms.ops	●	REST/HTTP ▼	-	-	●	Zequence
<input type="checkbox"/>	GKE Cluster Icinga2 downtime disable icinga2-downtime-disable	-	nms.ops	●	REST/HTTP ▼	-	-	●	Zequence
<input type="checkbox"/>	GKE Cluster Icinga2 downtime schedule gke-icinga2-downtime	-	nms.ops	●	REST/HTTP ▼	-	-	●	Zequence
<input type="checkbox"/>	TEMPLATE gunicorn.py2 gunicorn-py2	-	auth.dev	●	File TX ▼	-	Apps GKE server ▼	●	Zequence
<input type="checkbox"/>	Execute migration script exe-migrate-app	-	-	●	CLI ▼	-	Apps GKE server ▼	●	Zequence
<input type="checkbox"/>	AUTH Settings.py2 settings-transfer-auth	-	auth.dev	●	File TX ▼	-	Apps GKE server ▼	●	Zequence
<input type="checkbox"/>	Execution of post-deployment tasks exec-post_deploy	-	-	●	CLI ▼	-	Apps GKE server ▼ Build Linux server/VM ▼	●	Zequence
<input type="checkbox"/>	Deploy Kubernetes app statefulset templates statefulset-app_deploy	-	-	●	CLI ▼	-	Apps GKE server ▼ Build Linux server/VM ▼	●	Zequence
<input type="checkbox"/>	Run the application build and upload the Docker image run-build_and_push	-	-	●	CLI ▼	-	Apps GKE server ▼	●	Zequence
<input type="checkbox"/>	Clone/checkout application repository git-clone-checkout	-	auth.dev build.ops	●	CLI ▼	-	-	●	Zequence
<input type="checkbox"/>	list of docker images docker-images-list	-	-	●	CLI ▼	-	Apps GKE server ▼	●	Zequence
<input type="checkbox"/>	Task Send notifications certificates send_notif_task_Cert	-	build.ops	●	Notifications ▼	-	-	●	Zequence
<input type="checkbox"/>	Costos GCP app_gcp_costs	-	-	●	CLI ▼	-	GCP costs ▼	●	Zequence

1 2 70 results Show all

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FLUX admin portal (dev) v1.0.0-dev

## Overview

The Automation Tasks page in the Zequence CONTROL Portal provides a comprehensive interface for managing and monitoring automated tasks across your network infrastructure. This page displays a detailed list of all automation tasks including documentation management, GKE cluster maintenance, Kubernetes deployments, and Docker image builds.

## Key Features

- **Task Management Dashboard:** Centralized view of all automation tasks with real-time status monitoring
- **Multi-Device Support:** Handles various device types and infrastructure components

- **Profile-Based Configuration:** Tasks are organized by element profiles for efficient management
- **Bulk Operations:** Import and add multiple tasks simultaneously
- **Advanced Filtering:** Filter tasks by status, organization, class, and element profiles
- **Real-time Status Tracking:** Visual indicators show task execution status and health

# UI Elements

## Header Section

- **Search Bar:** Located at the top for quick task filtering and discovery
- **Action Buttons:**
  - **Refresh Icon:** Circular refresh button on the far left for reloading the task list
  - **Visibility Icon:** Eye icon with notification badge showing "0" for toggling task visibility options
  - **Import:** Blue button with user icon for importing task configurations
  - **Add:** Green "+" button for creating new automation tasks
  - **Filter Toggle:** Green dropdown button with "X" icon to show/hide filter panel

## Main Task Table

The table displays the following columns:

- **Checkbox Column:** Select individual tasks for bulk operations
- **Element Groups:** Shows task categorization and grouping
- **Groups:** Primary task organization
- **Element groups:** Secondary grouping level
- **Is active:** Indicates if the task is currently active (green checkmarks visible)
- **Class:** Task classification (CLI, Notifications, REST/HTTP, File TX)
- **Auto-triggers:** Automated trigger rules applied
- **Element profiles:** Associated profiles (Build Linux server/VM, Apps GKE server, etc.)
- **Is public:** Visibility status of the task (red icons visible for private tasks)
- **Organization:** Organization assignment (Zequence)
- **Proceed:** Task execution status (Active)

## Filter Panel (Right Side)

The filter panel shows the following filtering options:

- **Proceed:** Filter section at the top with "Active" status display
- **Class:** "All" dropdown for filtering by task classification

- **Element profiles:** "Click for options" dropdown for profile-specific filtering
- **Group:** "Click for options" dropdown for task group filtering
- **Organization:** "Click for options" dropdown for organization-based filtering with "Sub-organizations" checkbox option below

# User Interactions

## Task Management

- **Select Tasks:** Use checkboxes to select individual tasks for bulk operations
- **View Tasks:** Browse through paginated list of automation tasks
- **Search Tasks:** Use the search bar to find specific tasks by name or description
- **Refresh Tasks:** Click the refresh icon to reload the current task list
- **Toggle Visibility:** Use the eye icon to adjust task visibility settings
- **Filter Tasks:** Apply multiple filters to narrow down task visibility
- **Import Tasks:** Bulk import automation tasks from external sources
- **Add New Tasks:** Create individual automation tasks using the Add button

## Task Configuration

- **Profile Selection:** Tasks can be assigned to specific element profiles (Build Linux server/VM, Apps GKE server, etc.)
- **Organization Assignment:** Tasks can be assigned to specific organizations
- **Access Control:** Configure public/private visibility for tasks

# Navigation

## Current Location

- **Breadcrumb Path:** Home > Automation > Automation tasks
- **Side Menu:** Located in left panel under "Automation" > "Tasks"

## Related Sections

From the left navigation menu, users can access:

- **Flows:** Automation workflow management
- **Tasks:** Current section for task management
- **Models:** Device and configuration models

- **Logs:** Task execution history
- **Reports:** Automation reporting and analytics

# Data Displayed

## Task Categories Visible

### 1. **Documentation Tasks:**

- Task Send notifications docs (send\_notif\_task\_docs) - build.ops group
- Docs IA (docs-ia-generate)

### 2. **GKE Cluster Maintenance:**

- Refresh ecr secrets on gke (refresh-ecr-secrets-gke)
- GKE Cluster Maintenance icinga2 downtime disable (icinga2-maintenance-downtime-dis) - nms.ops group
- GKE Cluster Maintenance Window icinga2 downtime schedule (gke-icinga2-downtime-maintenance) - nms.ops group
- GKE Cluster icinga2 downtime disable (icinga2-downtime-disable) - nms.ops group
- GKE Cluster icinga2 downtime schedule (gke-icinga2-downtime) - nms.ops group

### 3. **Template Management:**

- TEMPLATE gunicorn.py.j2 (gunicorn-py-j2) - auth.dev group

### 4. **Deployment & Migration:**

- Execute migration script (exe-migrate-app)
- AUTH Settings.py.j2 (settings-transfer-auth) - auth.dev group
- Execution of post-deployment tasks (exec-post\_deploy)

### 5. **Kubernetes Operations:**

- Deploy Kubernetes app statefulset templates (statefulset-app\_deploy)
- Run the application build and upload the Docker image (run-build\_and\_push)

### 6. **Additional Tasks:**

- Clone/checkout application repository (git-clone-checkout) - auth.dev and build.ops groups
- list of docker images (docker-images-list)
- Task Send notifications certificates (send\_notif\_task\_Cert) - build.ops group
- Costos GCP (app\_gcp\_costs)

## Status Indicators

- **Green Checkmarks:** Indicate active/healthy tasks in the "Is active" column
- **Class Icons:** Show different task types:
  - Notifications icon (envelope) for notification tasks
  - CLI icon (terminal) for command-line interface tasks
  - REST/HTTP icon for API-based tasks
  - File TX icon for file transfer tasks

- **Profile Dropdowns:** Display assigned element profiles with dropdown arrows including "Build Linux server/VM", "Apps GKE server", "GCP costs", and "CLI" configurations
- **Organization Labels:** Show task ownership (all tasks assigned to Zequenze)
- **Red Icons:** Indicate private tasks in the "Is public" column
- **Proceed Status:** All visible tasks show "Active" status

# Actions Available

## Primary Actions

- **Select Tasks:** Use checkboxes in the leftmost column to select individual tasks for bulk operations
- **Refresh:** Reload the task list to see latest updates
- **Toggle Visibility:** Control which tasks are displayed using the eye icon (with notification count badge)
- **Import Tasks:** Bulk import automation configurations
- **Add Task:** Create new automation task
- **Filter Tasks:** Apply various filtering criteria including class and element profiles
- **Search Tasks:** Quick search functionality

## Secondary Actions

- **Profile Management:** Assign and modify element profiles including GKE server, Linux server/VM, and GCP costs profiles
- **Organization Assignment:** Change task ownership
- **Status Management:** Monitor and control task execution
- **Pagination:** Navigate through multiple pages of results (currently showing page 1 with 70 total results and "Show all" option available)

## Notes/Tips

- **Task Selection:** Use the checkboxes to select multiple tasks for bulk operations
- **Element Profile Matching:** Ensure tasks are assigned to appropriate element profiles for successful execution, including Apps GKE server, Build Linux server/VM, and GCP costs profiles
- **Organization Permissions:** Task visibility and execution may be restricted based on organization membership
- **Status Monitoring:** Green checkmarks in the "Is active" column represent healthy/active tasks - monitor for any status changes
- **Pagination:** Use page navigation to view all 70 automation tasks or click "Show all" to display all results at once

- **Filter Combinations:** Multiple filters can be applied simultaneously for precise task management - filters are arranged vertically starting with Proceed status at the top
  - **Task Naming:** Tasks follow a structured naming convention with technical identifiers in parentheses for easy identification
  - **Cloud Infrastructure:** Multiple tasks are dedicated to GKE cluster maintenance and Kubernetes deployments
  - **Class Filtering:** The "All" dropdown in the Class filter allows you to narrow tasks by their type (CLI, REST/HTTP, Notifications, File TX)
  - **Notification Badge:** The eye icon displays a badge with "0" indicating the number of hidden or filtered tasks
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Revision #23

Created 2025-11-11 08:20:26 UTC by ipena@zequenze.com

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