

# Flow Builder

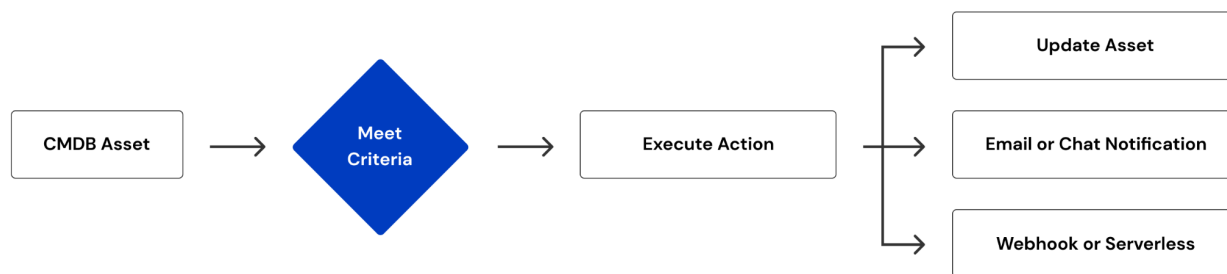
Low-code automation for digital infrastructures

Clouware Flows is a technology for automating processes based on changes detected in CMDB. The Flow Builder provides an easy-to-use point-and-click user interface to create automation flows.

Flows consist of entry criteria and actions. Entry criteria is a specific configuration state of an entity in CMDB. Action is the process an operator would like to initiate once entry criteria have been met.

Using flows, customers can quickly adopt automation in all domains of digital infrastructure operations at scale. For example, infrastructure operators leverage flows to address configuration changes, spending spikes, and security compliance violations.

## Point-And-Click Automation



## Sample Use Cases

### Asset Management

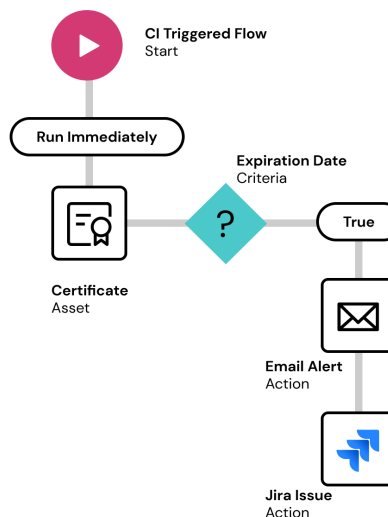
**Problem:** Expired certificate causes business disruption

**Solution:** Create a time-based flow that will notify you to update the certificate 30 days before expiration

**Asset:** ACM Certificate

**Criteria:** Expiration Date < 30 from Current Date

**Action:** Send an email and create a JIRA ticket



## Cost Management

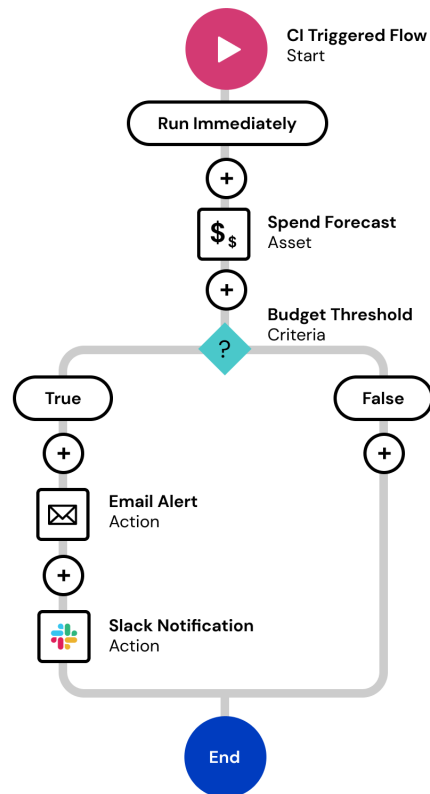
**Problem:** AWS Forecasted Spend exceeds the preset budget value

**Solution:** Deploy a flow to send an email and Slack notifications to cost center owner

**Asset:** AWS Account

**Criteria:** Forecasted EoM or EoY Spend > Budget

**Action:** Trigger Email and Webhook for Slack



## Compliance

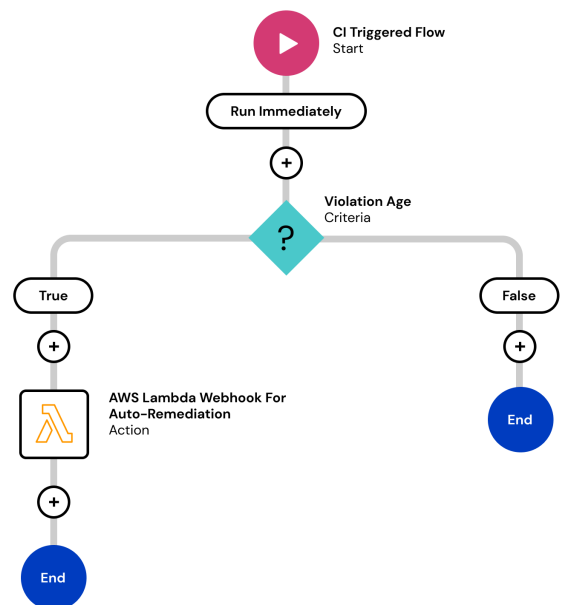
**Problem:** AWS S3 Bucket allows non-encrypted traffic

**Solution:** Create a flow that will perform an auto-remediation process if the bucket owner has not addressed the issue within 7 days

**Asset:** Compliance Policy Violation

**Criteria:** Compliance Policy Violation Age > 7 days

**Action:** Webhook to trigger AWS Lambda auto-remediation function



## Incident Management

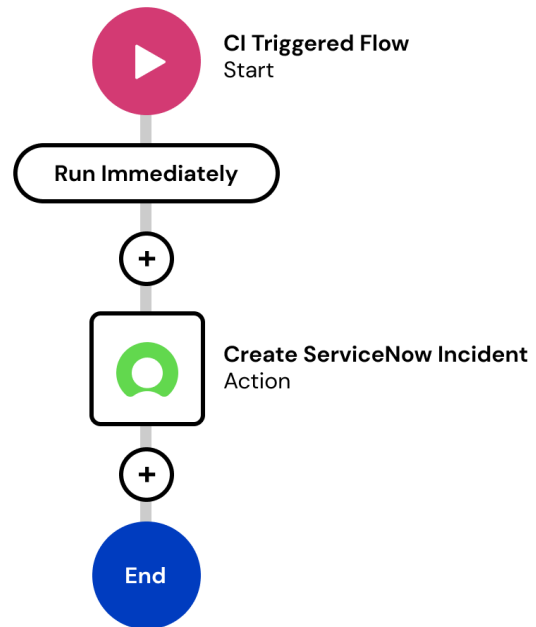
**Problem:** Publicly facing instance has critical vulnerabilities

**Solution:** Create a ticket for the SecOps engineer in charge

**Asset:** EC2 Instance

**Criteria:** Public IP Is Not Null AND Critical Vulnerabilities > 0

**Action:** Webhook to create ServiceNow or PagerDuty Incident



## Advantages

### No code

Simple low-key UI to let you play around with no programming skills required

### Time-conditioned actions

Set up a sequence for flow actions according to your business logic

### Multi-source triggers

Trigger flows using data from supported integrations