

# Decomposition CI/CD workflow

## Context

This document provides an overview of the flowcharts I created to decompose the CI/CD workflow. By visualizing this into a flowchart I've got a better understanding how the CI/CD workflow is functioning.

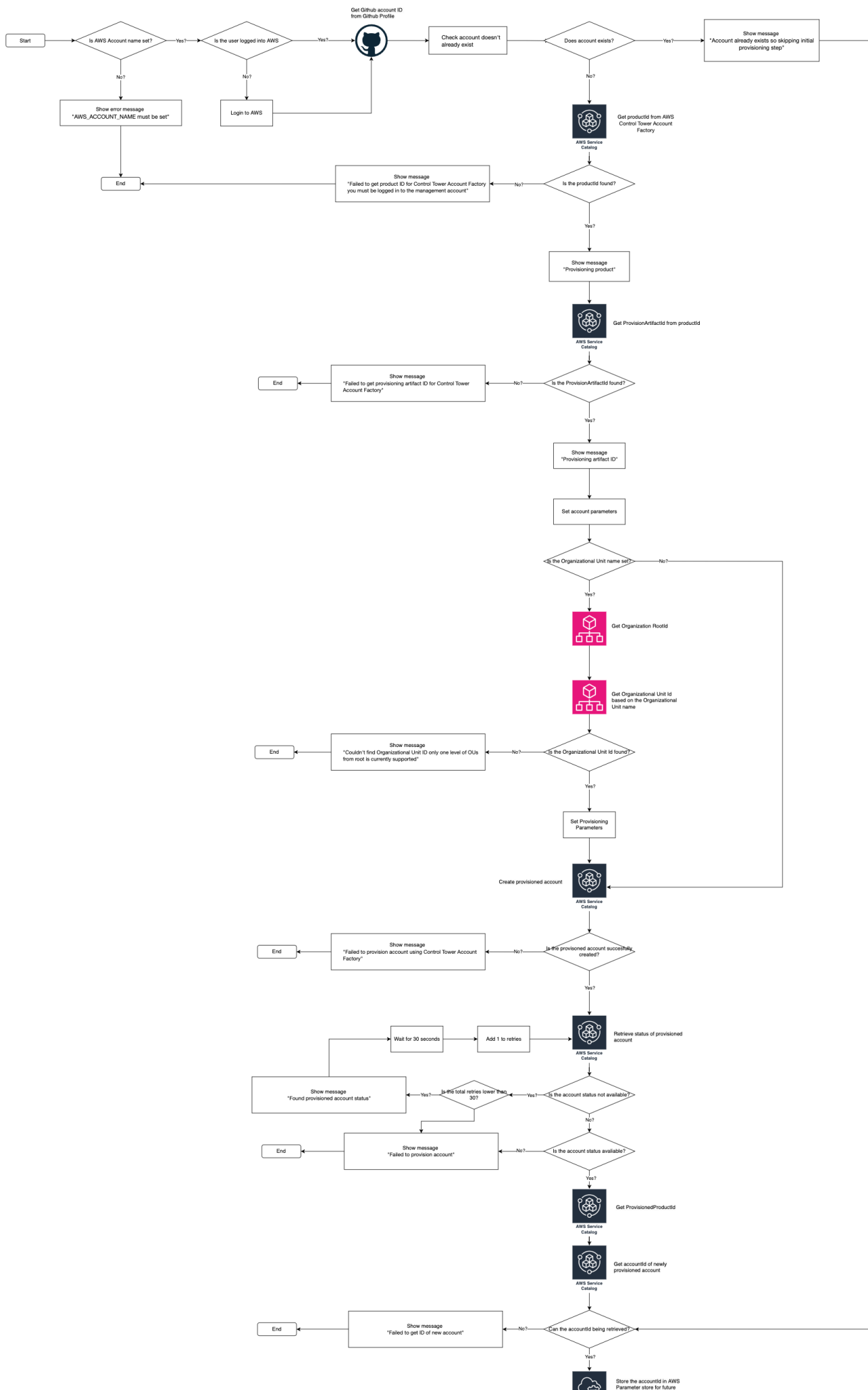
# Contents

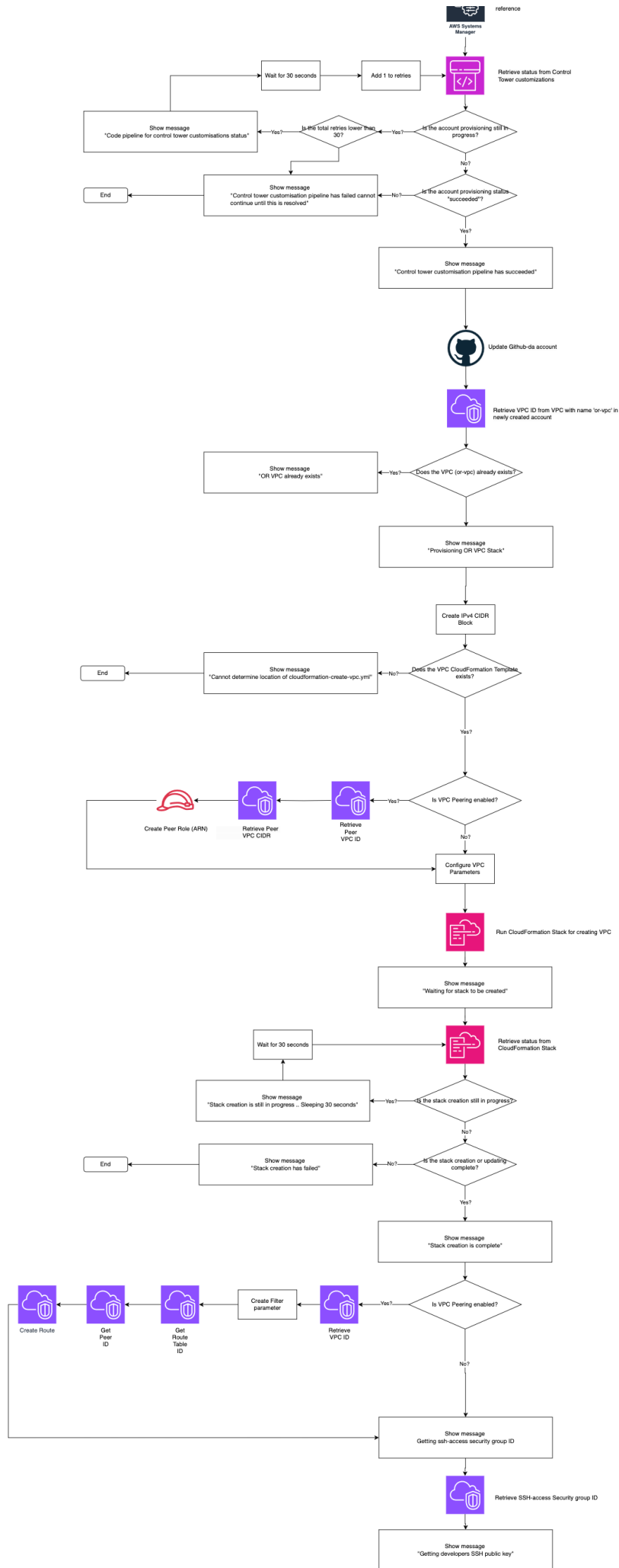
- [Context](#)
- [1. Flowchart: Provision Account](#)
- [2. Flowchart: Provision Host](#)

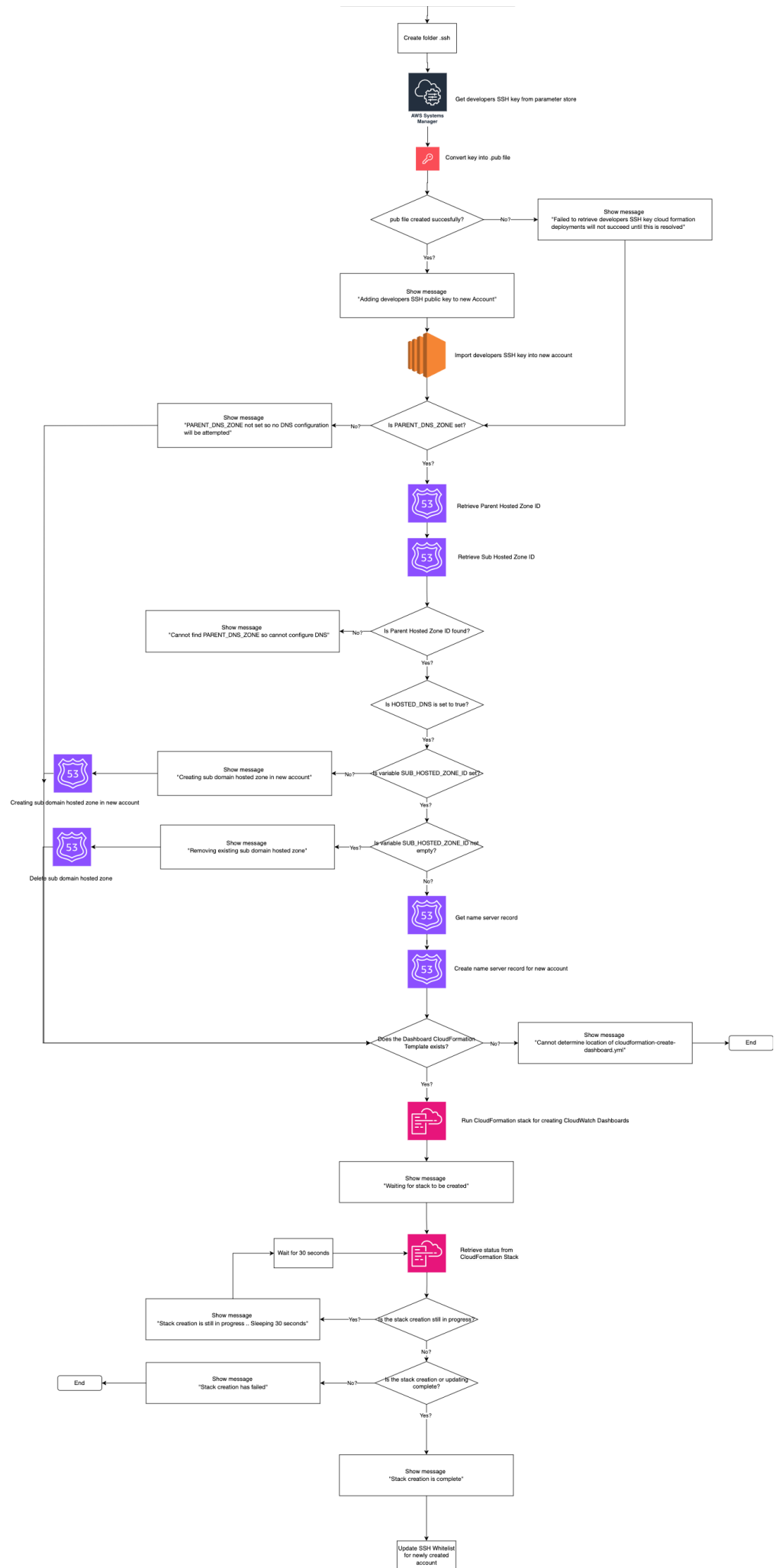
## 1. Flowchart: Provision Account

The picture below visualizes the working of the `provision account` bash script. The bash script will be executed when the `provision account` workflow get triggered by a manual `workflow dispatch`.

This script creates an AWS account for the customer within the AWS account from OpenRemote using AWS `Organizations`. After the account is created the script will provision and configure several components such as the `VPC`, `SSH Key`, `CloudWatch` Dashboards and `Route53` for domain management.









## 2. Flowchart: Provision Host

The picture below visualizes the working of the `provision host` bash script. The bash script will be executed when the `provision host` workflow get triggered by a manual `workflow dispatch`

This script provisions an `EC2` instance within the customers AWS account. The instance will be used for running OpenRemote on AWS.



