

# Managing CDK Infrastructure

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# Globomantics



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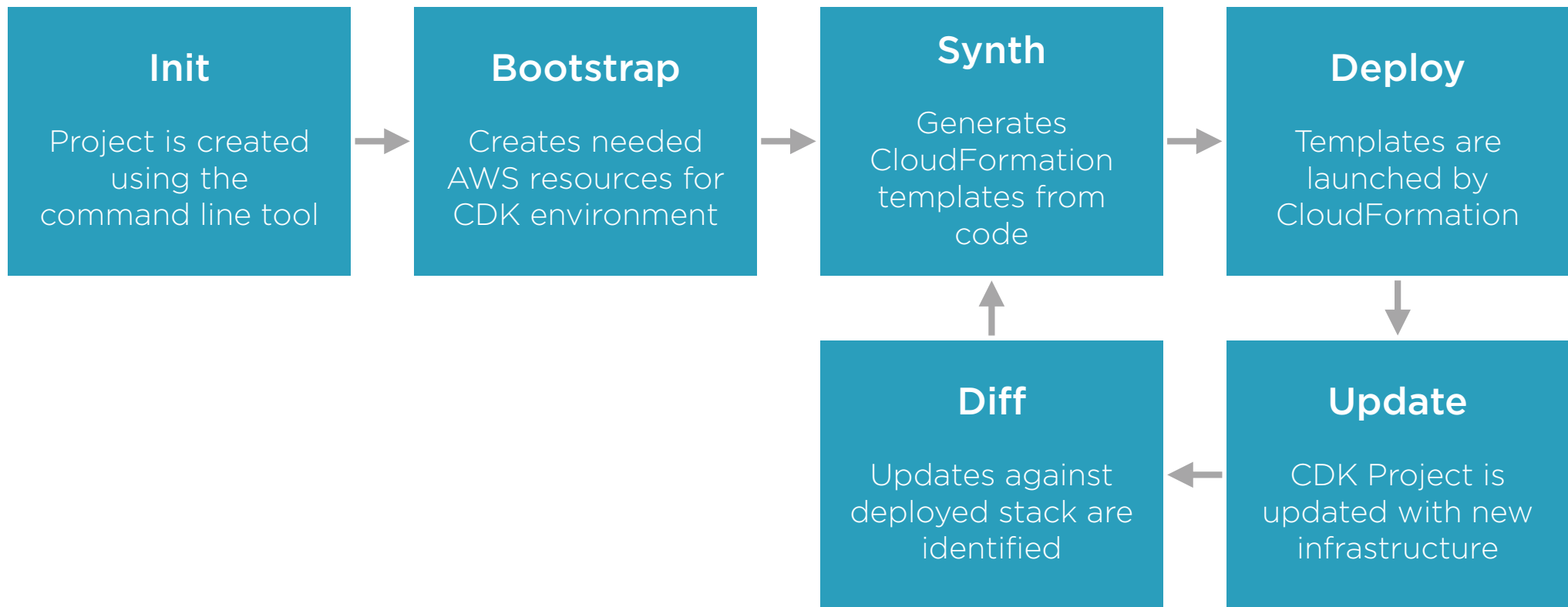
**Deployed his first CDK app**

**Will now begin building out key components for the CDK**

**Needs to be able to:**

- Deploy updates to his app
- Manage environments for cost reporting
- Delete an app environment when completed

# CDK Workflow



# Overview

**Updating an existing CDK app with additional resources**

**Adding tags to a CDK app programmatically**

**Creating a custom CDK construct**

**Deleting a deployed CDK App**

# Updating an Existing CDK App

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# Demo

**Creating a custom construct**

**Adding a VPC to our CDK app**

**Utilizing the diff command from the CDK CLI**

**Deploying the app update**

# Adding Tags for a CDK Stack

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## AWS Tags

Customer defined metadata that can be used for cost allocation, resource grouping, access control, automation, and operations support. The CDK provides the ability to add tags to a resource.



# Demo

**Applying tags to our custom CDK stack**

**Applying tags for specific modules within our CDK stack**

**Deploying the tags with our CDK app**

## Deleting an Existing CDK App

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# Demo

**Utilizing the CDK CLI to delete a custom CDK app**

**Reviewing other methods for deleting a deployed CDK app**