

From zero to hero

Infrastructure as Code

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Goals for this session

1. What is Infrastructure as Code
2. Why it is useful
3. Competitors product

Definition

Managing and Provisioning computer infrastructure through
machine-readable definition files

Benefits

automatic
deployment

automatic
infrastructure tests

Create time for
work on business

easy setup of
environments

reviews for your
changes

Optimize your
costs

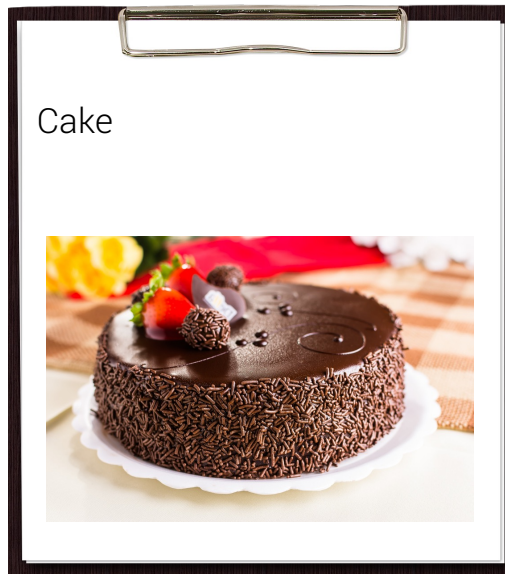
What IaC is not

A solution for all
your problems

Low Code and Click
Solution

Which methods can it used ?

- Declarative
- What is your target infrastructure



- Imperative
- How you can build your target infrastructure

How you can bake a cake ?

1. Put all the ingredients in a mixing bowl and mix it.
2. Mix the remaining batter with cocoa, amount to taste, and pour on top of the other batter. Draw patterns with a fork.

IaC Tools

Declarative



HashiCorp

Terraform



Azure Resource Manager



ANSIBLE

Imperative



Pulumi



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