

SVS227-S

Delivering Agility at McDonald's with Microservices Transformation

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37KRESTAURANTS

1.9M

PEOPLE

People Working for McDonald's and Franchisees



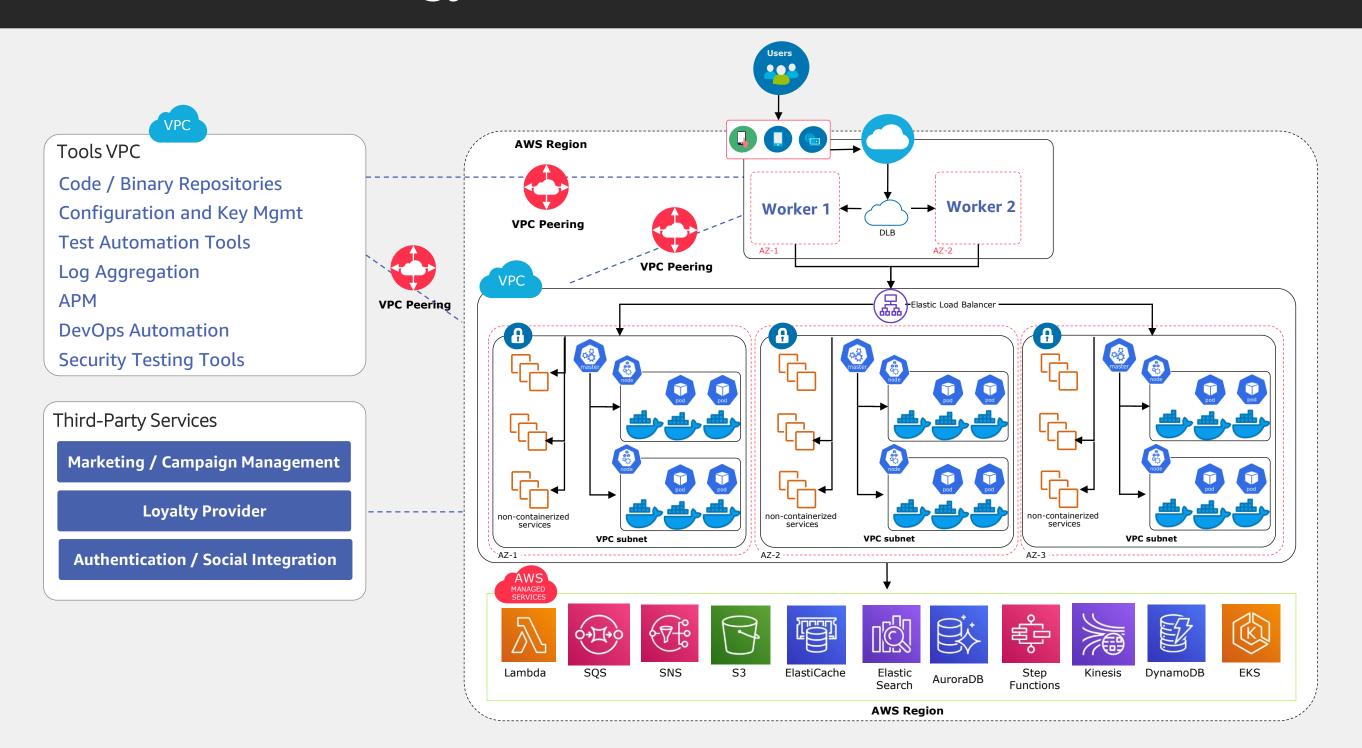
120 COUNTRIES

64M+
customers

Served Every Day

McDonald's Technology Stack













McDonald's CI/CD Pipeline





CONFIG DATA COLLECTION

Documented process describing how to collect configuration values that cannot be guessed (API Keys...)



CONFIG DATA INPUT

Creating/Updating Hierarchical Configuration with collected configuration



Push-button

1-click that triggers the entire process for all Capabilities















6





8

9

Instantiate Pipeline

Kick-off the **Parametrized** Master Jenkins Job to execute the new environment provisioning

Materialize Configuration

Flatten the Hierarchical Configuration and upload to Consul

Provision Environment

Run the Terraform Deploy Capabilities Run low-level tests Provisionina scripts using the Hierarchical Configuration as source of truth

Deploy Code

to environment leveraging Materialized Configuration

Run Infra Tests

that will catch most obvious configuration issues

Test Data Load

Load test data required for API Smoke Tests and Critical Flows

Run API **Smoke Tests**

Back-end functional tests run on API **Endpoints**

Run **Critical Flows**

Critical end-to-end **Business Flows** covering Registration, Order, Offer Redemption and **Upload Sales**

Component Perf Tests

Unitary performance nonregression tests on critical business endpoints

MONITORED THROUGH DASHBOARDS













Thank you!

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