

How to build a secure and future-proof environment in AWS?

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### Opportunities and barriers

Data driven
Scalability
Machine learning
Machine
Mac

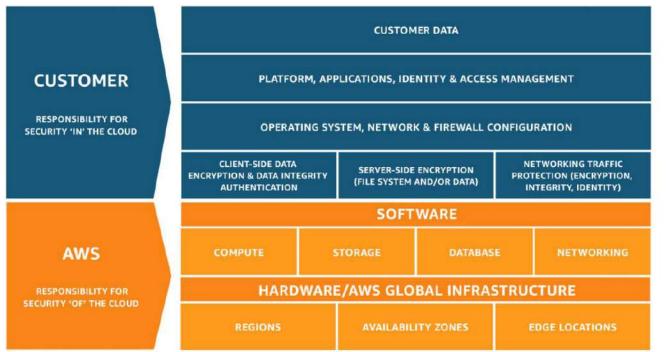




# Cloud security instruments

- Shared responsibility between AWS and Customer
- Security of the Cloud -> AWS
- Security in the Cloud -> Customer







- 200+ services in AWS platform
- 50+ services to secure, automate, operate and govern workloads
- Plug and play integrations



## Layers of secure AWS design

### Platform

- AWS platform security

- Identity management

- Logical isolation

#### **Architecture**

Network security
 Data security

- Perimeter

#### **Process**

AppSec

- Software delivery workflows

Versioning

- Testing and approvals

-Infrastructure as code

-Vulnerability scanning

#### Operations

- SIEM integrations

- Metrics, Logs, Alerts

Patching&automation

#### Governance

- Cost optimization (FinOps)
  - Well architected reviews
    - New AWS services



# LaiZy by TC2

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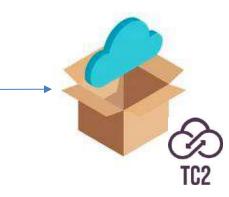
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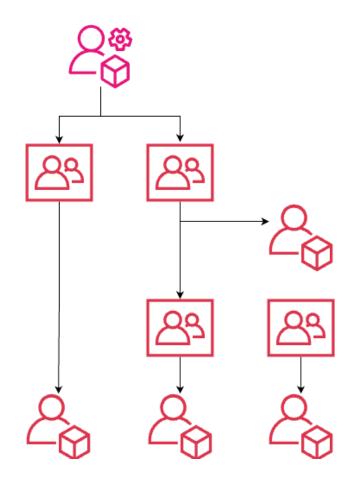




## LaiZy features – Platform



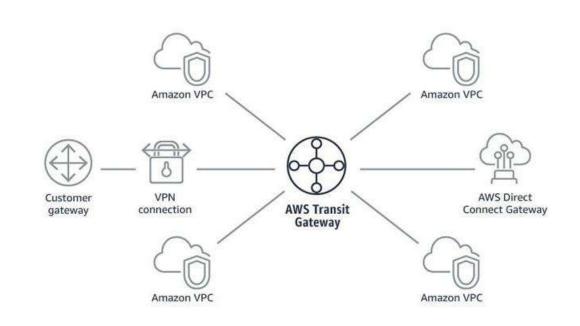
- Logical grouping and group level policies
- Conditional service access
- Backup policies
- Al service permissions
- Cost centers
- Centralized Identity management for AWS platform





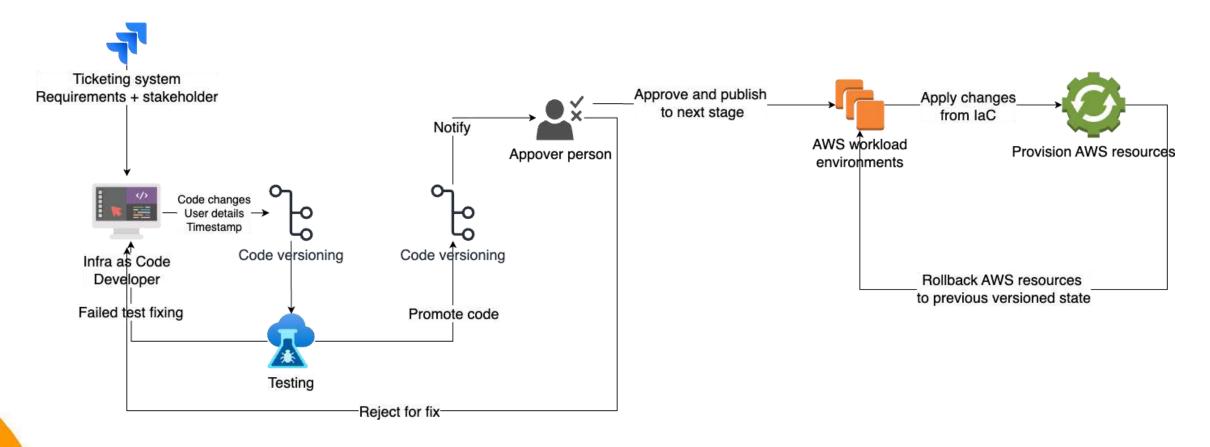
### LaiZy features – Architecture

- Network segmentation, hub and spoke model
- Network firewall, Web application Firewall, DDoS protection
- Encryption in transit and at rest
- Data retention and governance
- 3rd party SW @ AWS
   Marketplace



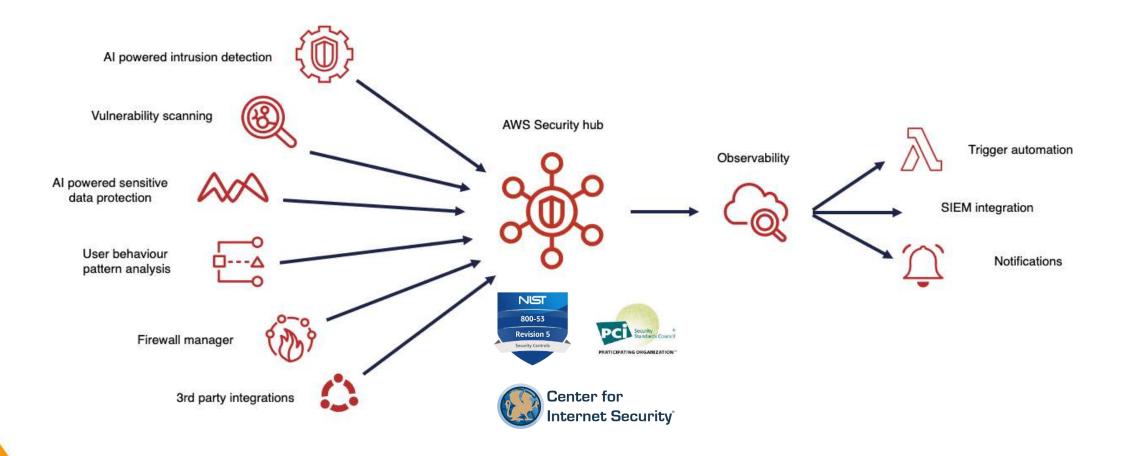


## LaiZy features - Process



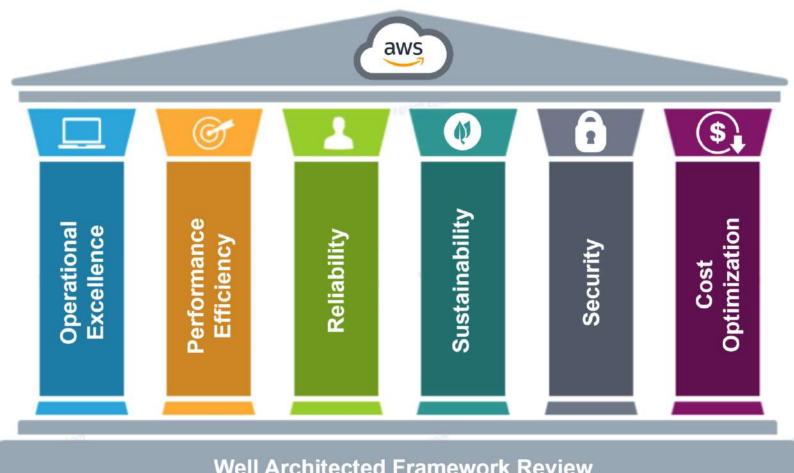


## LaiZy features – Operations





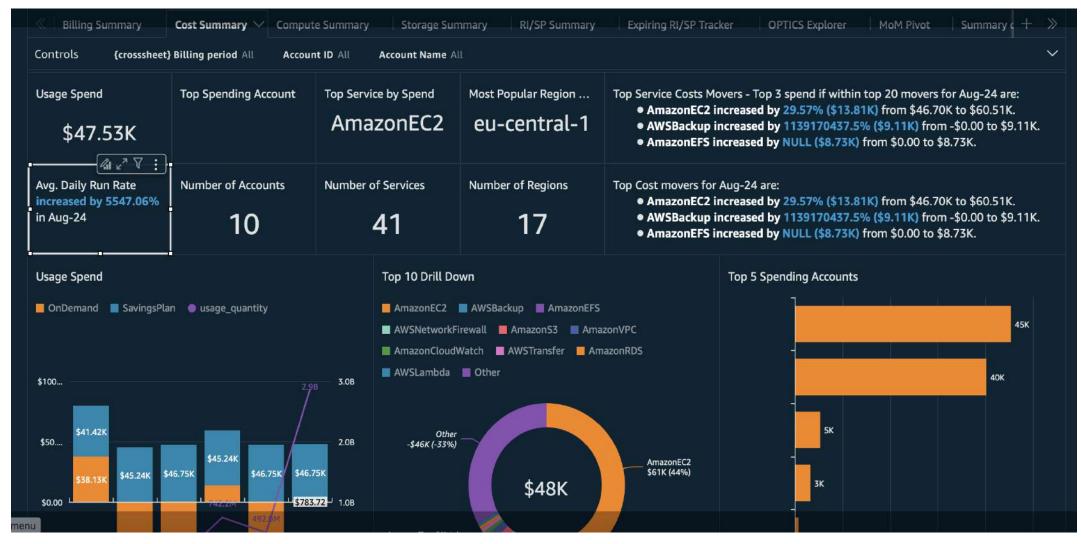
## LaiZy features – Governance



**Well Architected Framework Review** 



## LaiZy features - FinOps















### Let's develop a business case together for an AWS use case!

#### TC2 provides the following:

- 1. Consulting along one selected AWS use cases, if that is the right solution for you
- 2. Overview of **Total Cost of Ownership** calculation process
- 3. Selected use case high level overview with benefits
- 4. Migration and ongoing TCO calculation development with pricing dimensions explained



<sup>\*</sup>This opportunity is available to the first ten applicants. Apply via the webform on our website - tc2.ai (use the QR code for easier reach).



Thank you!

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