

# Oracle Summit

April 13th, 2022

*Cybersecurity : how-to protect  
your applications, you Cloud  
and your databases?*



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# Oracle Summit



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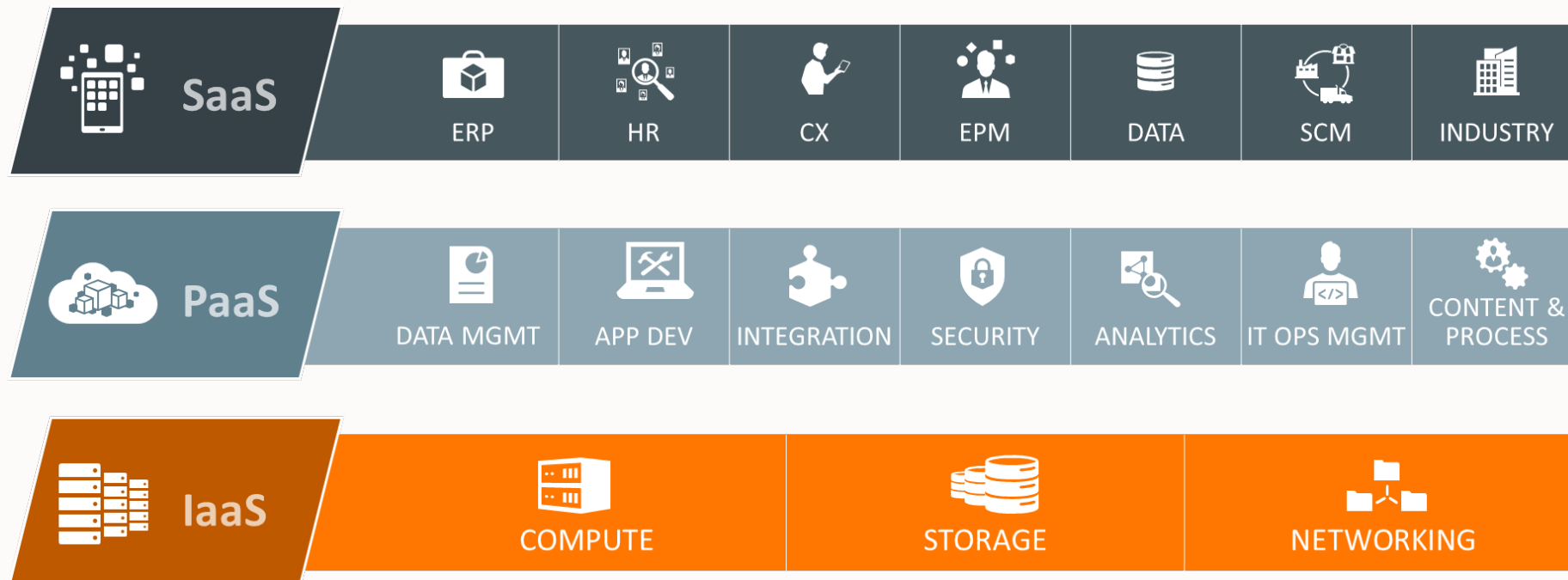
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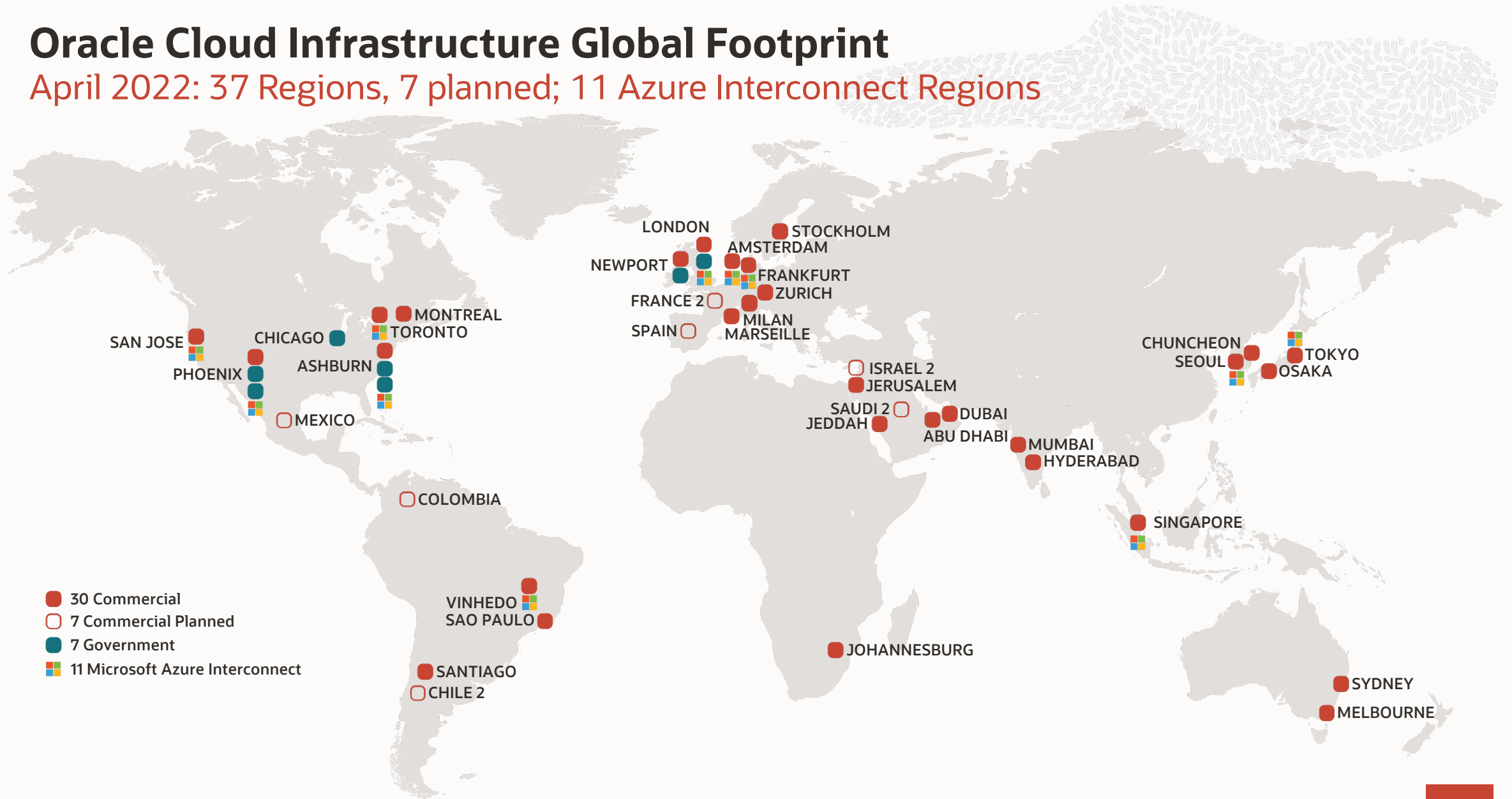


# Oracle Cloud Platform and Software | Complete, Integrated, Open

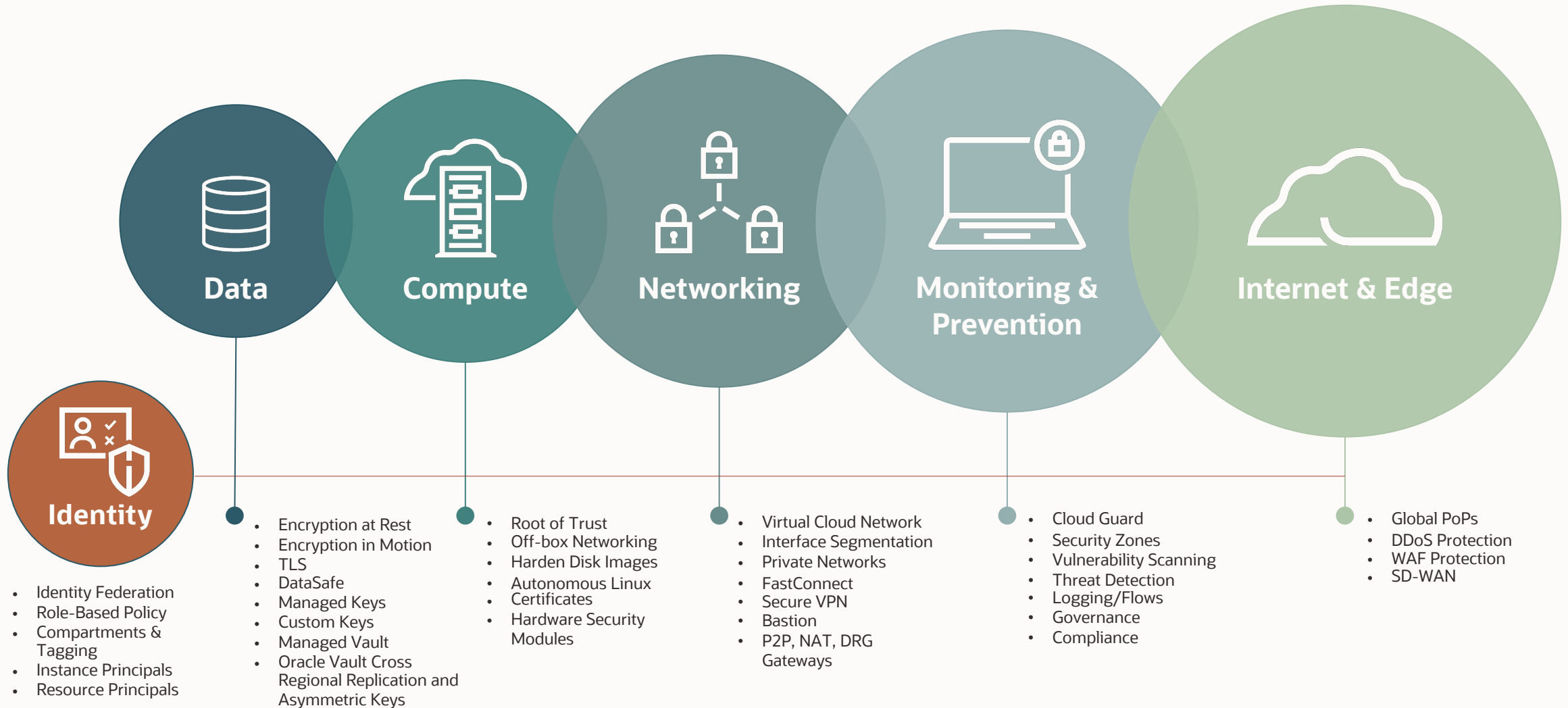


# Oracle Cloud Infrastructure Global Footprint

April 2022: 37 Regions, 7 planned; 11 Azure Interconnect Regions



# Integrated and Automated Security from Data to Identity





# Oracle Cloud Compliance & Certifications

## REGIONAL



GDPR [EU]



PIPEDA [Canada]



ENS [Spain]



BSI C5 [Germany]



K-ISMS [Korea]



NISC [Japan]



CITC  
[Saudi Arabia]



Cyber Essentials  
Plus [UK]



Cloud Security  
Principles [UK]

## GOVERNMENT



EU Model Clauses



DoD DISA SRG IL5



Canada Protected B



JAB P-ATO



LGPD



G-Cloud 12



CJIS



VPAT-Section 508



NIST

## INDUSTRY



HDS - France



PCI DSS – Level 1



HITRUST CSF



TISAX



FINMA



HIPAA



EBA



GxP



FISC

## GLOBAL



SOC 1 : SOC 2 : SOC 3

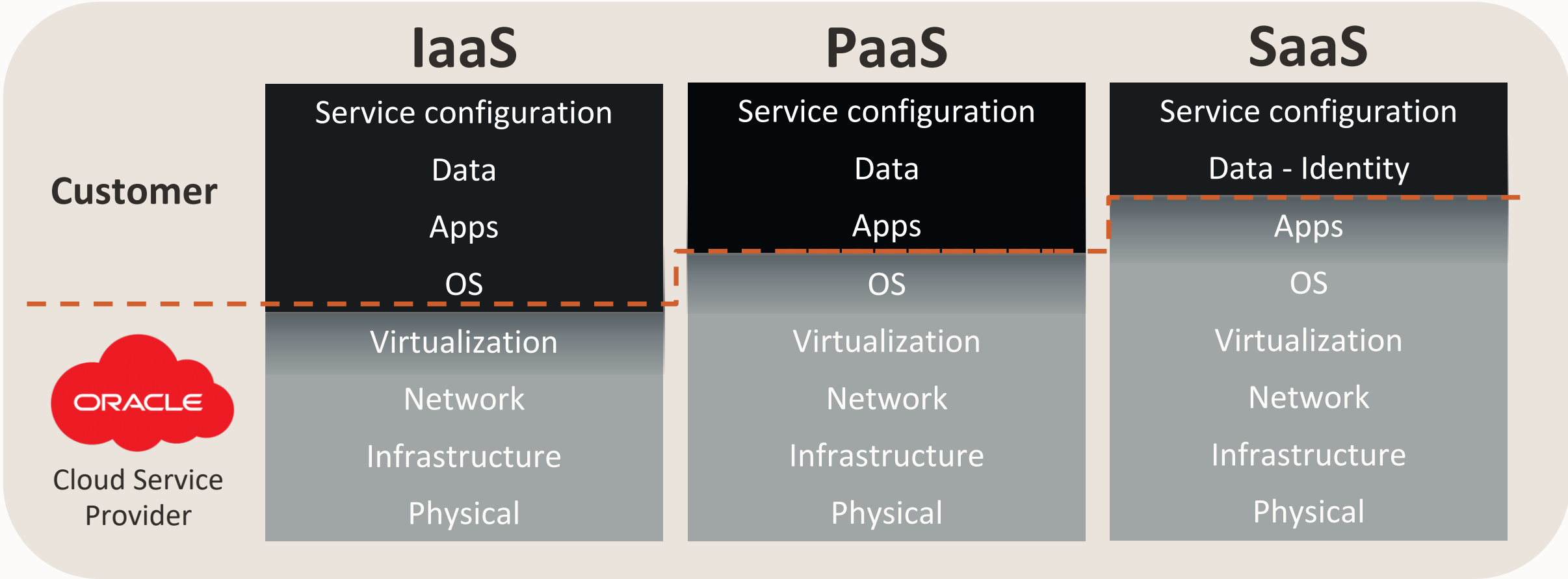


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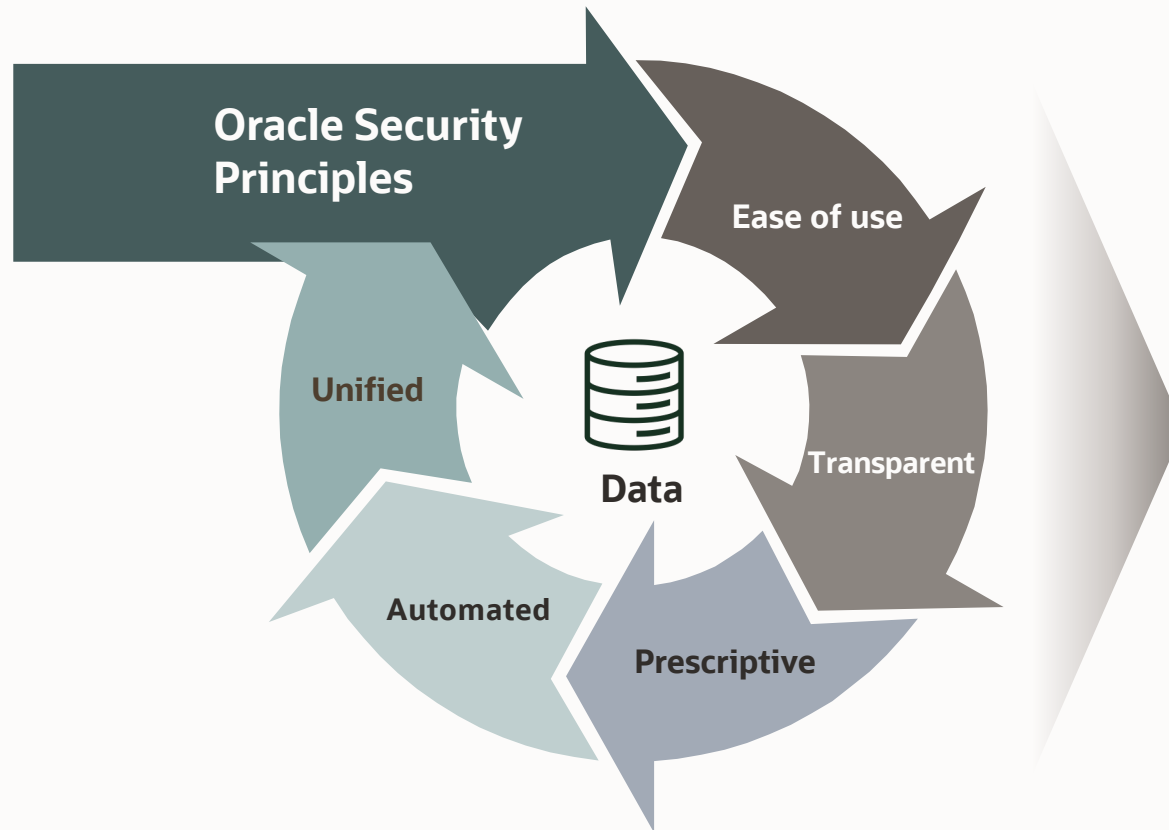
Level 2

# Cloud Shared Responsibility Matrix



# Oracle Cloud Security Principles

Simple, Prescriptive and Integrated



- **Simple:** ‘Always on’ security posture. Easy defaults for developing and running apps
- **Prescriptive:** Recipes to enforce security posture, automated baseline management
- **Integrated:** Unified Security and Identity across IaaS, PaaS, and SaaS
- Offer “at cost” to eliminate the cost/security tradeoff



# Greater responsibility

Self-securing autonomous services



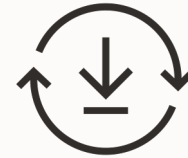
**Automatic  
Provisioning**



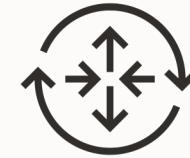
**Automatic  
Configuration**



**Automatic  
Encryption  
at rest and  
in transit**



**Automatic  
Online  
Patching and  
Updating**



**Automatic  
Elastic  
Scaling**



**Automatic  
Tuning**



**Eliminates  
Human Labor**



**Eliminates  
Human Error**



**Eliminates  
Downtime**



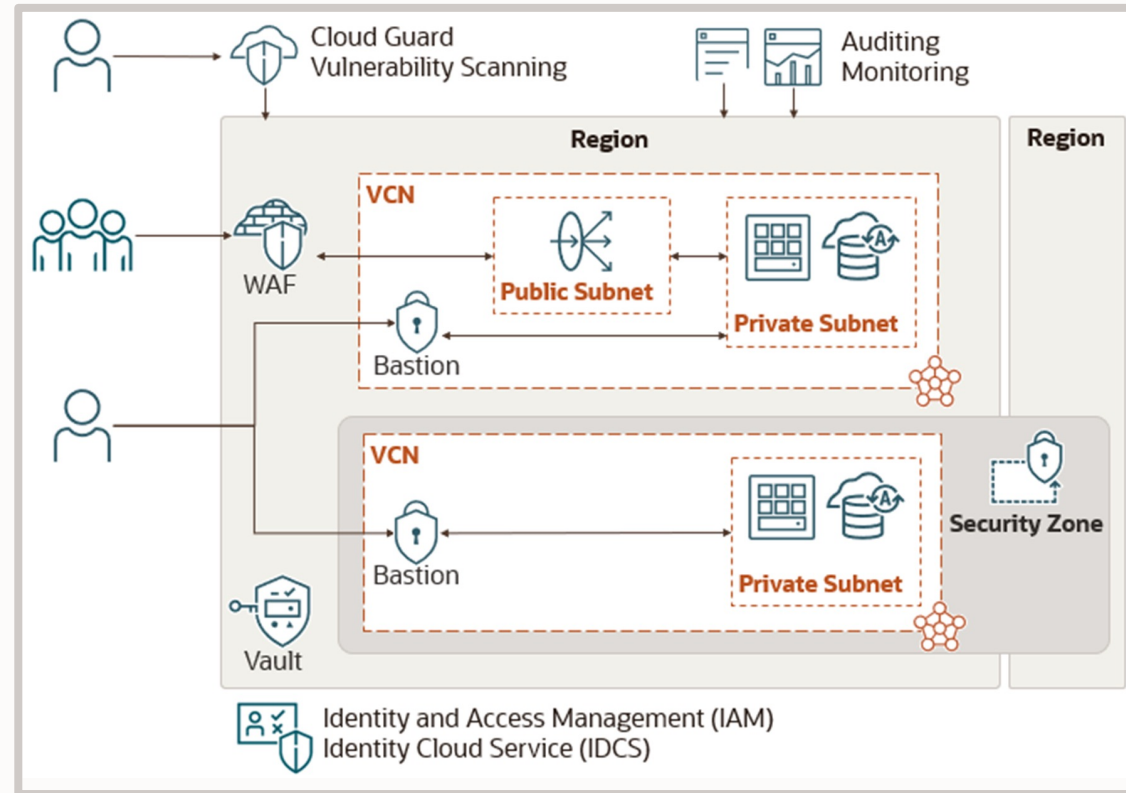
**Eliminates  
Scaling  
Complexity**



**Eliminates  
Performance  
Tuning**

# Layered Security

Mitigating risks from different attack vectors



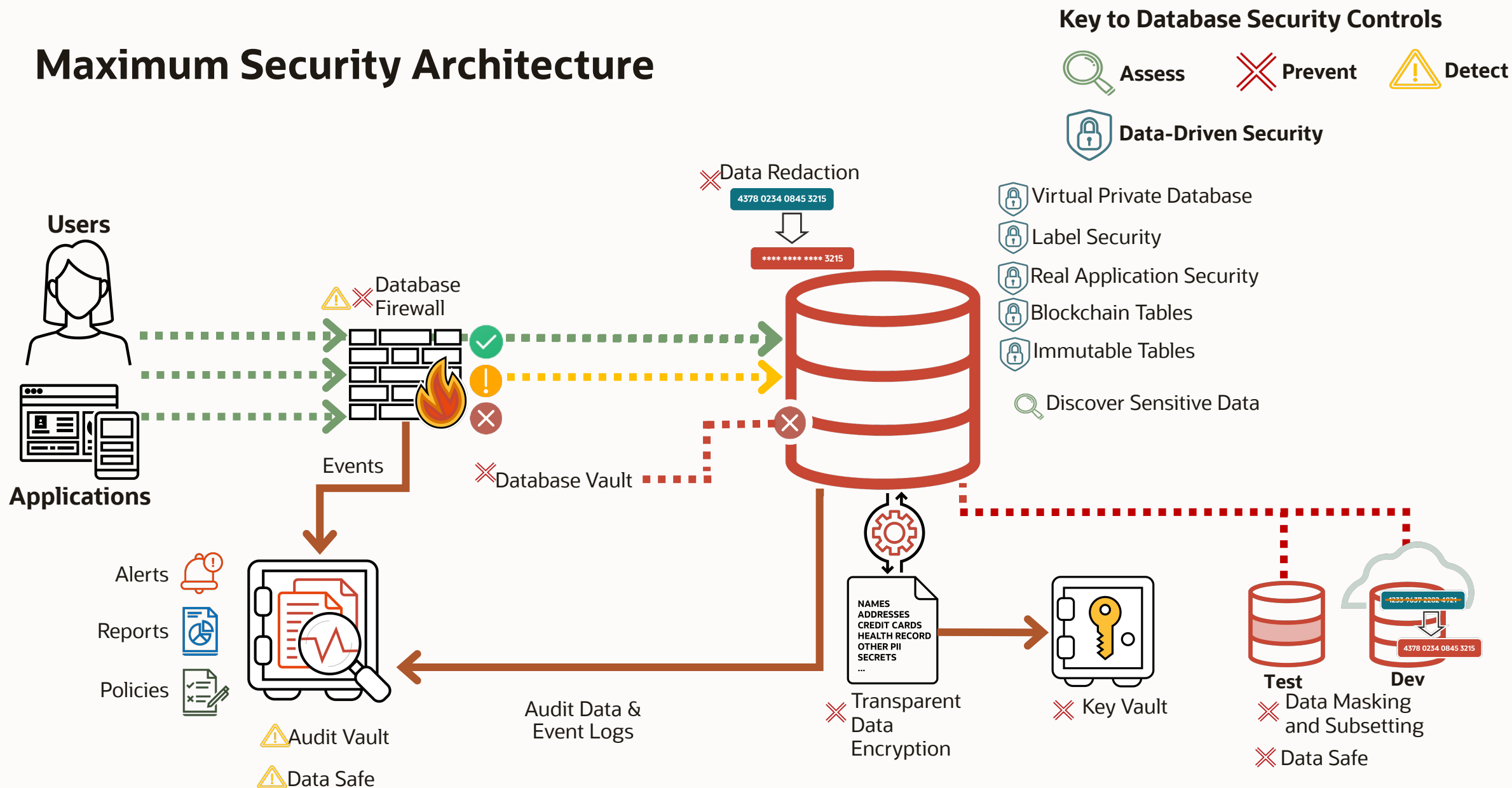
## Oracle Cloud Guard

Continuously monitor your cloud environment  
Automatic problem identification  
Optional automatic remediation

## Maximum Security Zones

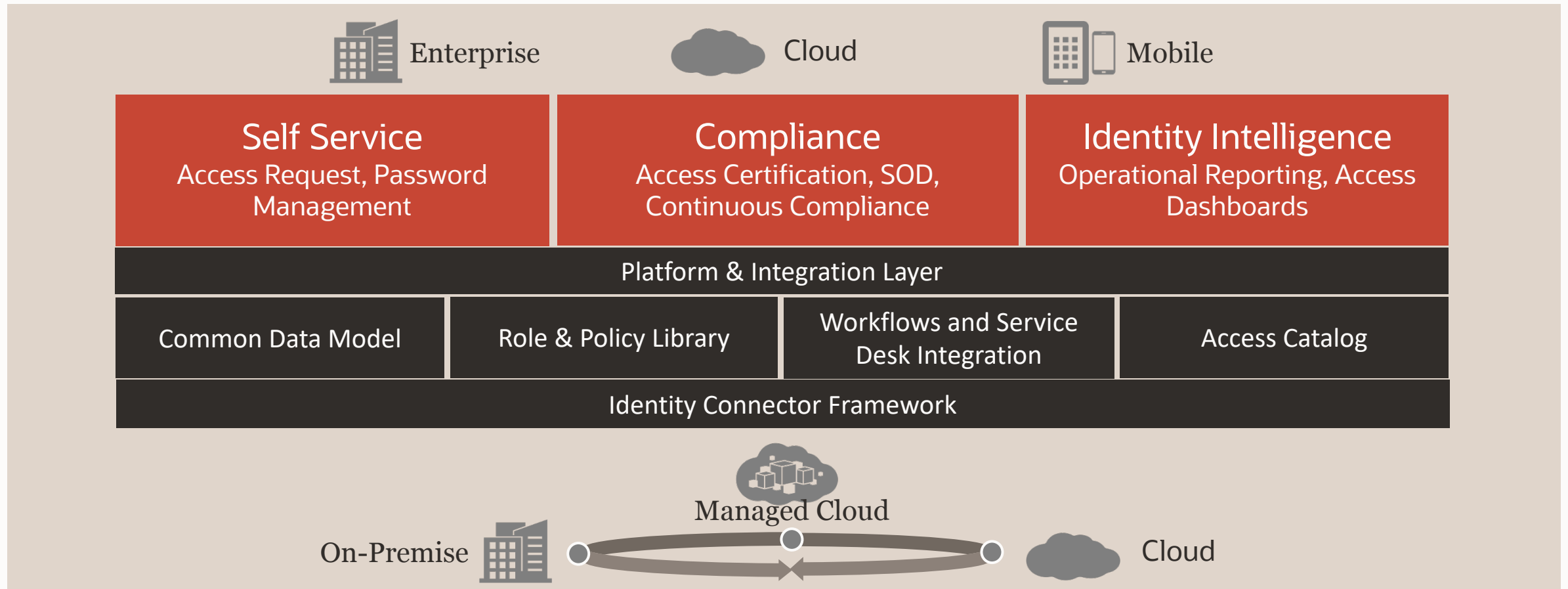
Extremely secure location with default-deny approach  
Security is always enforced – cannot be disabled  
Designed for highly secure workloads

# Maximum Security Architecture



# Oracle Identity & Access Management Suite

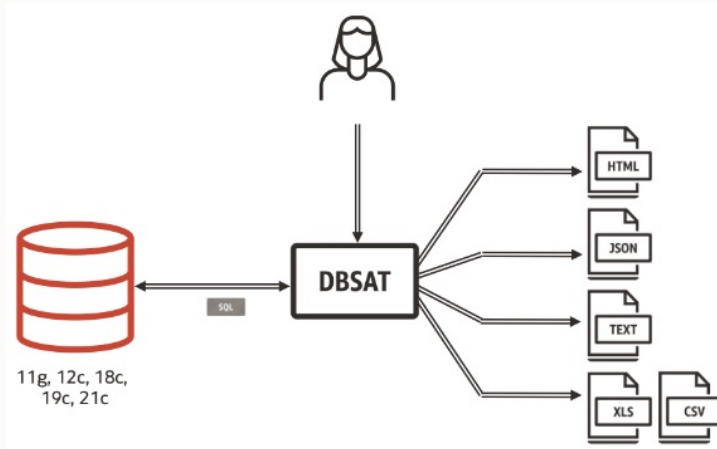
## Unified Approach to Complete Identity Governance





# Contact your Oracle representative and assess your Security today!

## Database Assessment



## IAM Assessment

**IDENTITY & ACCESS MANAGEMENT  
ASSESSMENT AND ROADMAP WORKSHOP**

**AT A GLANCE**

- 1-2 day discovery workshop
- Facilitated workshop sessions on:
  1. Identity Management and Database Security Assessment and Business Drivers
  2. Key requirements and priorities
  3. Architecture and roadmap
  4. Planning, workload and organization

**KEY DELIVERABLES**

- Capability Maturity style recommendations
- Prioritized Business Initiatives
- As-Is Architectures
- To-Be Architectures
- Transformation Roadmaps
- Benchmarking of key metrics to help validate identified business benefits

**Workshop Delivery**

The "IAM assessment and roadmap service" is based on a series of workshops and collateral, that help customers clarify the IAM requirements based on a good understanding of their main pains and drivers, and allows for the identification of prioritized initiatives necessary to address those requirements for managing both internal and external identities and access to critical applications and systems.

This includes several steps, each of them being discussed in a dedicated workshop with the relevant stakeholders:

**Pains and drivers assessment:** Oracle provides typical KPIs and a questionnaire to help clarifying the business pains and drivers related to IAM. The KPIs and questions are organized by categories such as "Security", "Compliance", and "Operational efficiency". The pains and drivers are assessed through the collateral provided by Oracle (questionnaire, KPIs) and through workshops with the key business stakeholders including Information Security Officer, HR representatives, Governance / Risk & Compliance representatives, Business application owners and IT department representatives.

**Capabilities prioritization:** based on our experience, we'll present and discuss a list of IAM capabilities in order to manage identities and control access to applications and systems. Each capability will be presented, and prioritize based on benefits versus

Security assessment and roadmap

## Data Safe



- Assess your current state
- Develop a mitigation strategy based on findings and company strategy
- Identify incremental and ongoing steps to reduce risk and improve security

ORACLE