The Oracle **Trust Fabric**

Securing The Cloud Journey

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Safe Harbor Statement

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The Challenges Ahead

- More scale and complexity
- More diverse bad guys: hackers, data thieves, bit coin, state actors
- Driving more noise and increased attack surface leading to more risk

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Oracle CTO And Chairman, Larry Ellison

"The way to secure our data, the way to prevent data theft, is more automation. And we need a cyber defense system that automatically detects vulnerabilities and attacks. Fix the vulnerability before an attack. And then, if there is an attack, detect the attack and shut it down".

"…we need new systems. It can't be our people versus their computers. We're going to lose that war. It's got to be our computers versus their computers.

And make no mistake: **It's a war**."

The Autonomous Cloud Is A New World

- Security in a Post-Perimeter world
  - Network protections are insufficient in a cloud and mobile world
  - Identity has become the new perimeter

- Next generation of Cloud is needed to meet today's scale and speed
  - Smart, self-healing and scalable
  - Security must be built in at every level

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The Promise Of The Trust Fabric

A new way of secure enterprise computing built for the cloud:

- Trusted
- Agile
- Compliant

The Ideal Cloud Security & Identity Platform

1. Secure The Whole Cloud Stack

- **Data security** – encrypted and controlled

- **Infrastructure security** – managed, visible and compliant

- **Application security** – integrated, visible, compliant and secure

- **User security** – identity management and access control

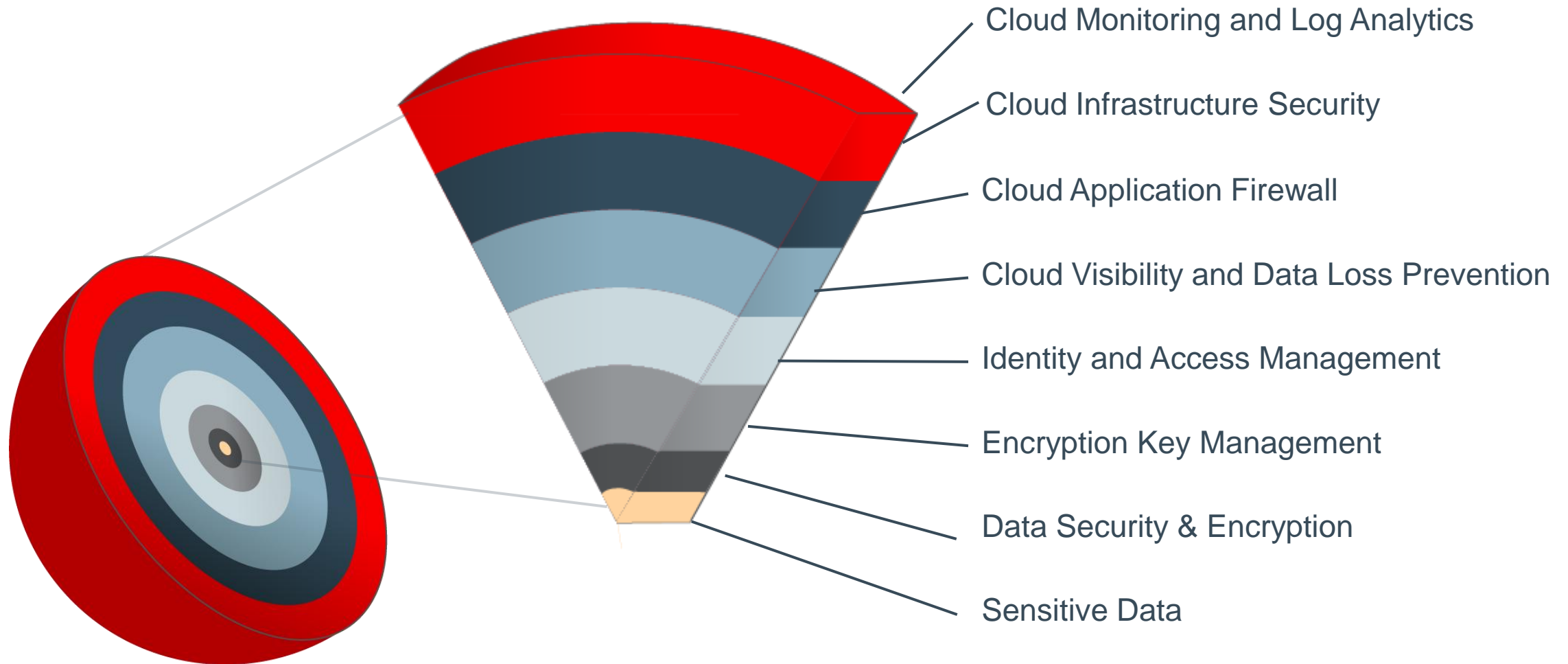- **Ecosystem security** – holistic security across cloud continuum

2. Secure All Your Environments and Applications

- Platform that allows you to pick and choose solutions that matter

- Secure all your apps and all your users (employees, partners and customers)
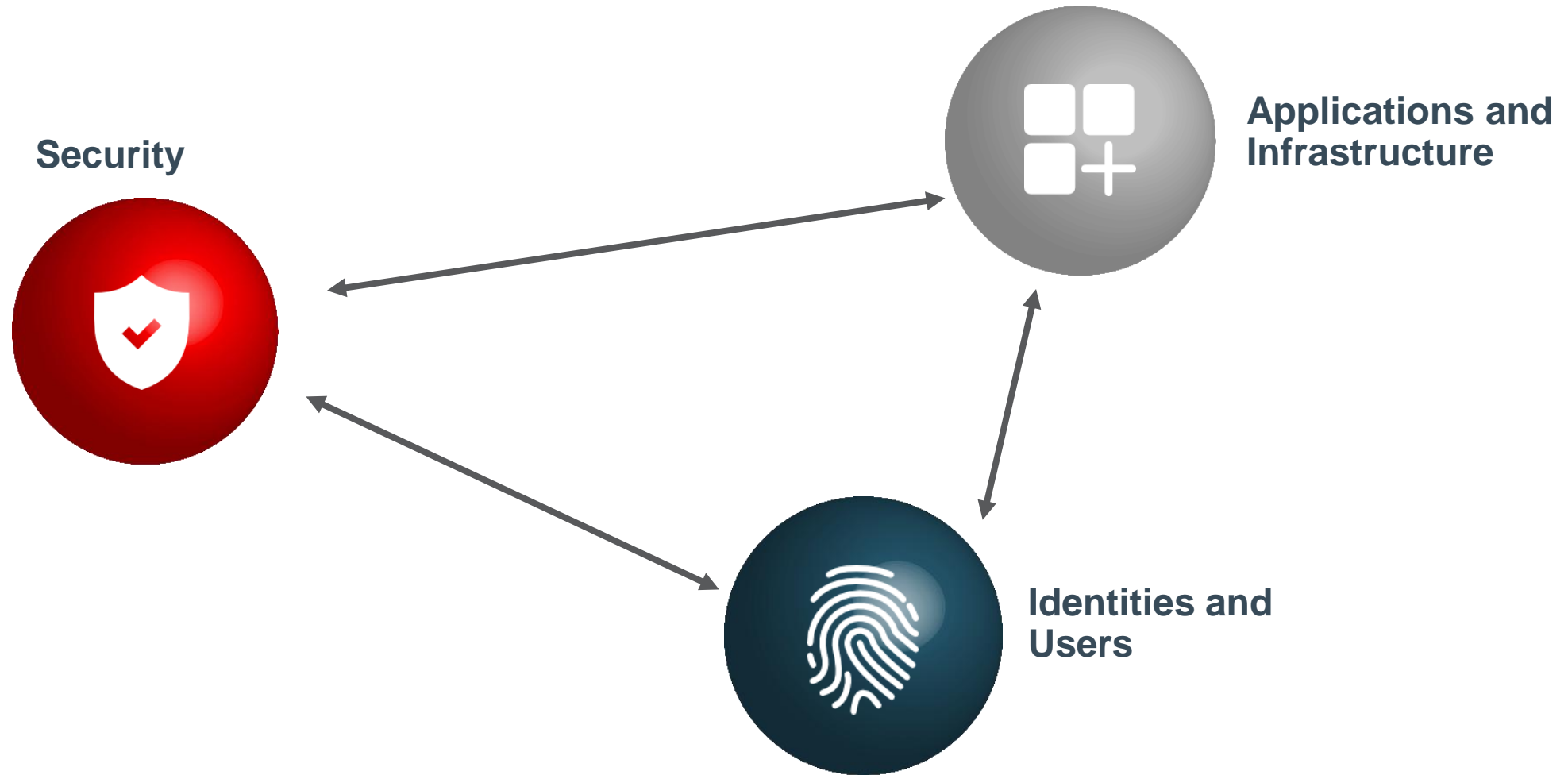
- Continuum from On-premises to Multi-Cloud

3. Intelligent and Autonomous Security

- Self-Driving

- Self-Securing

- Self-Repairing

- Self-Tuning

- Self-Scaling

Trust Fabric's LAYERED SECURITY MODEL

Cloud Monitoring and Log Analytics

Cloud Infrastructure Security

Cloud Application Firewall

Cloud Visibility and Data Loss Prevention

Identity and Access Management

Encryption Key Management

Data Security & Encryption

Sensitive Data

Trust Fabric Integrates Security + Apps + Identities

Security

Applications and Infrastructure

Identities and Users

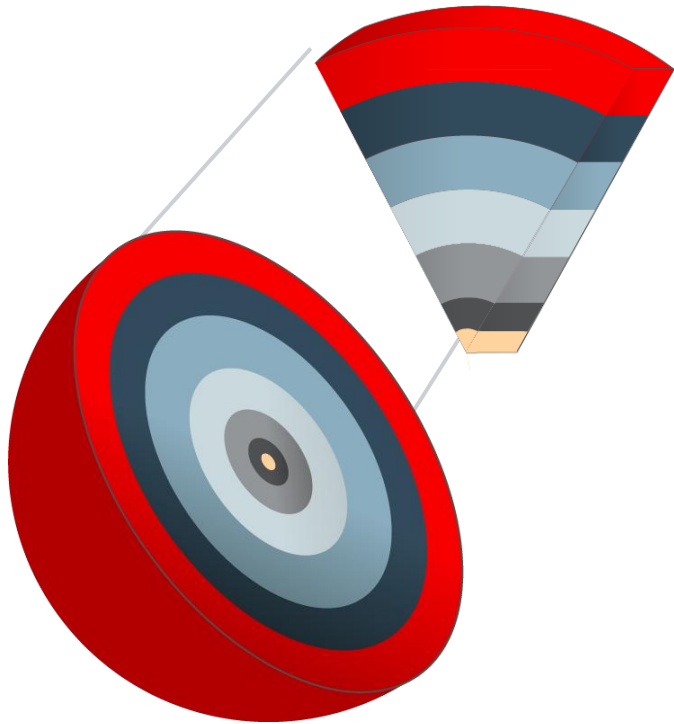# Trust Fabric Across Cloud / Hybrid / Enterprise

Unified security across the entire Cloud Journey

- Secure the cloud and multi-cloud world

- Secure enterprise infrastructure
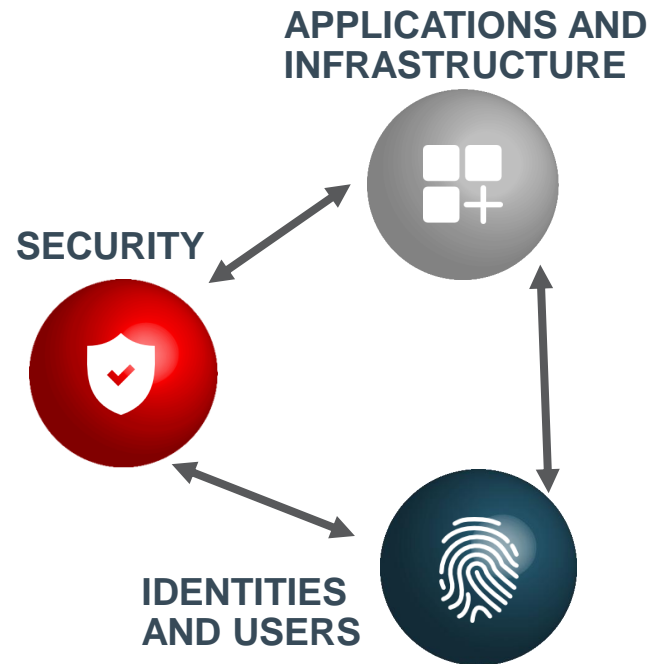
- Bridge the cloud and the enterprise with hybrid

ENTERPRISE

CLOUD

HYBRID
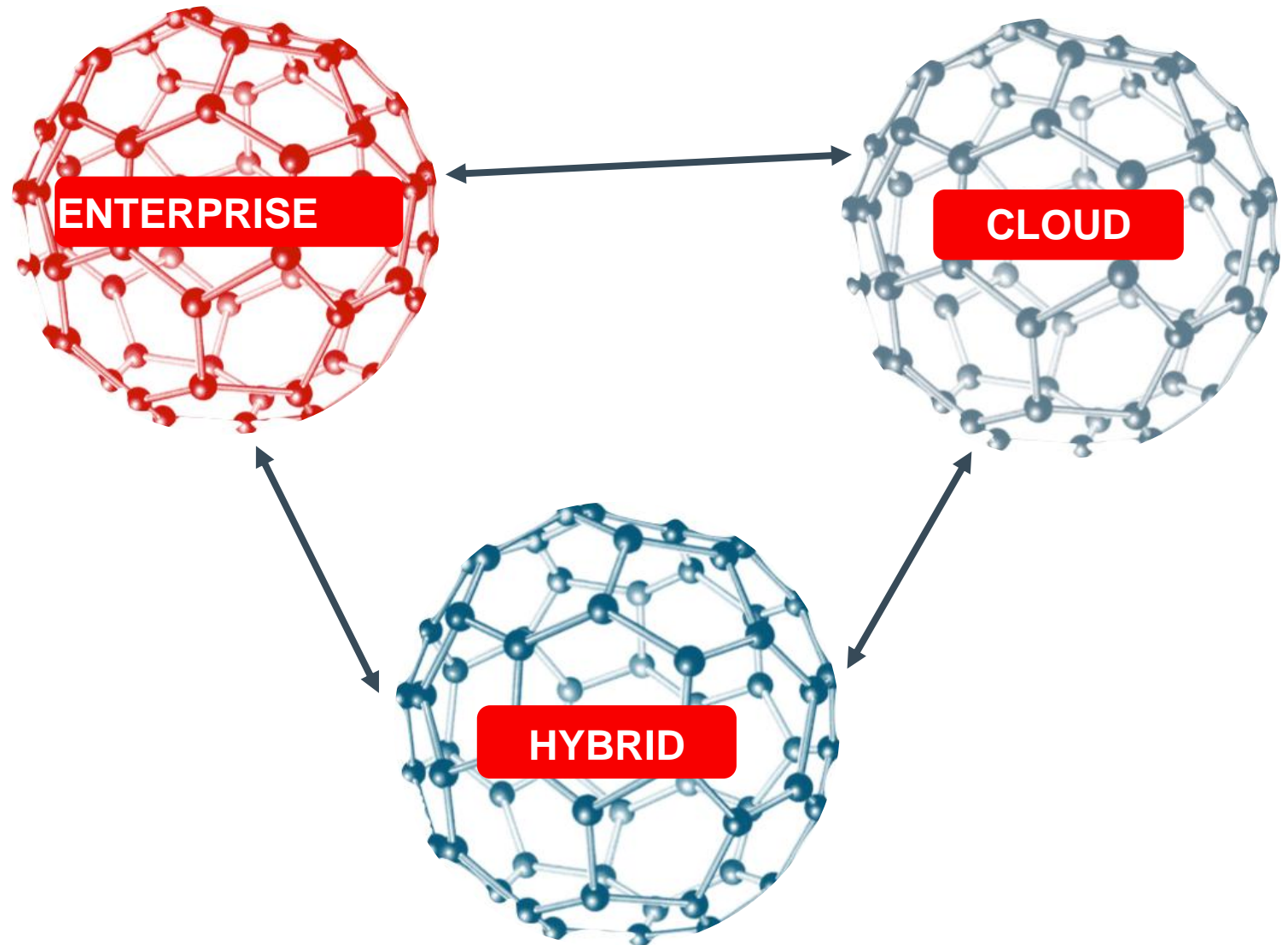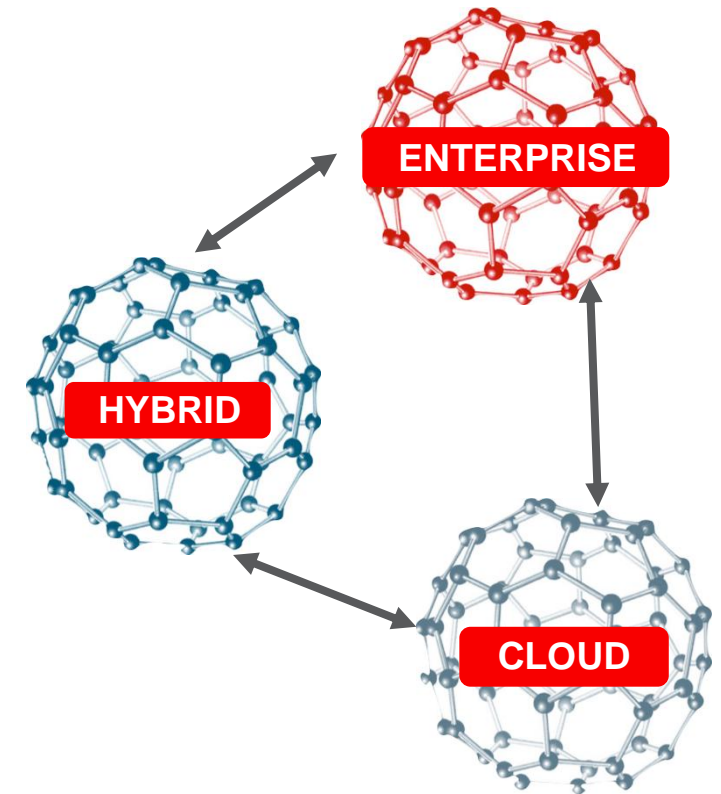
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Integrated & Unified Trust For The Cloud

1) Integrated Security Portfolio

2) Integrating Security Across Oracle Apps And Services

APPLICATIONS AND INFRASTRUCTURE

SECURITY

IDENTITIES AND USERS

3) Integrate Across The Cloud Journey

ENTERPRISE

HYBRID

CLOUD

The Road Ahead

- Next generation AI and Machine Learning

- Predictive Analytics

- Multi-cloud integration and security

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