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ORACLE CLOUDWORLD

Modern Business in the Cloud



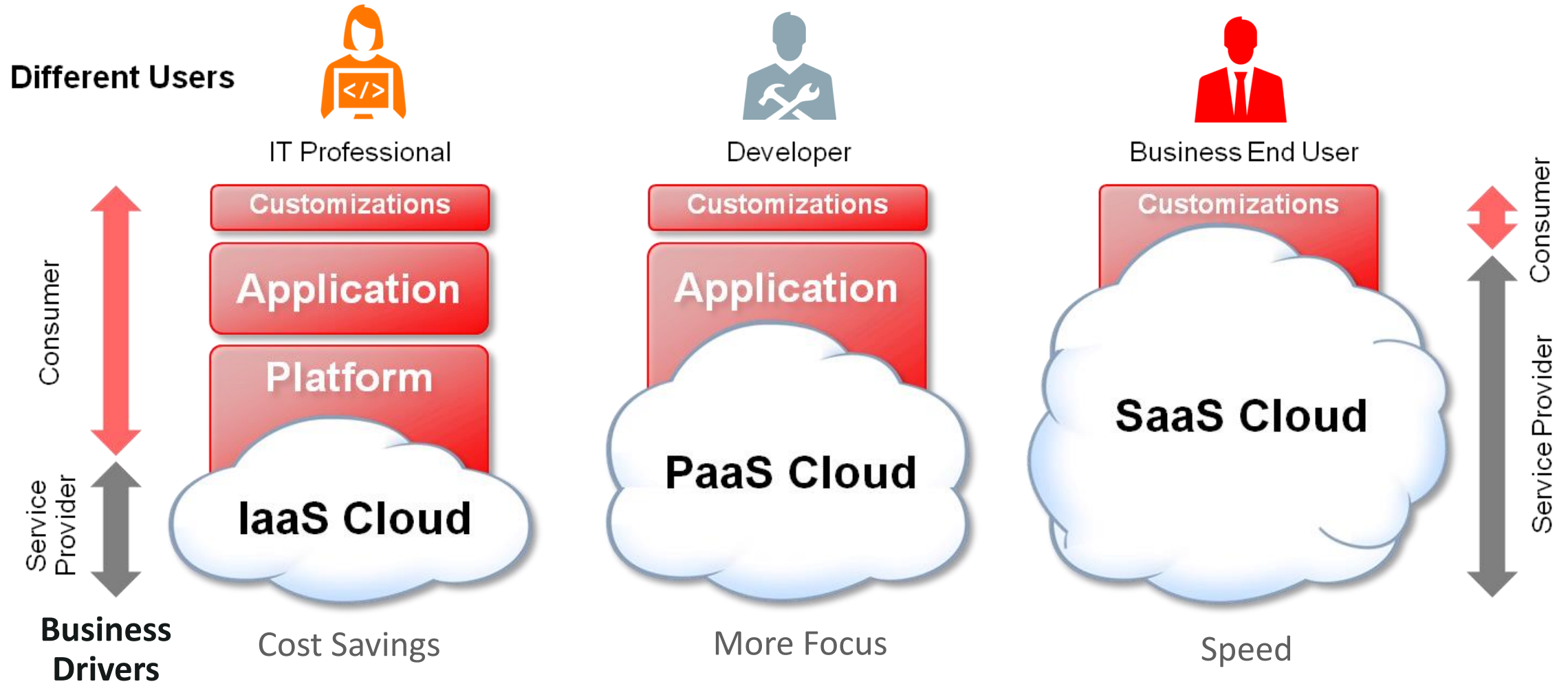
Run Any Workload in the Cloud with Oracle Cloud IaaS

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Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

What is Infrastructure as a Service?



Infrastructure as a Service Delivers

Value of the 5 Key NIST Characteristics of Cloud Computing



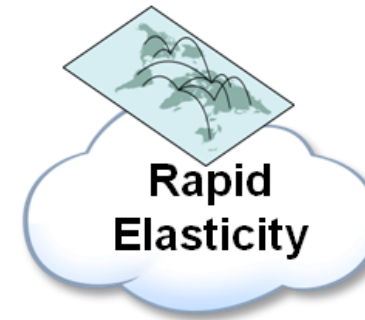
- Faster time to market
- Less overhead
- Better quality of service



- Universal access to IT services



- Higher resource utilization
- Breaks barriers
- Drives consistency



- Scale up and down with business demand
- Responsive services



- Pay for use
- Cost control
- Better forecasting
- Value driven IT

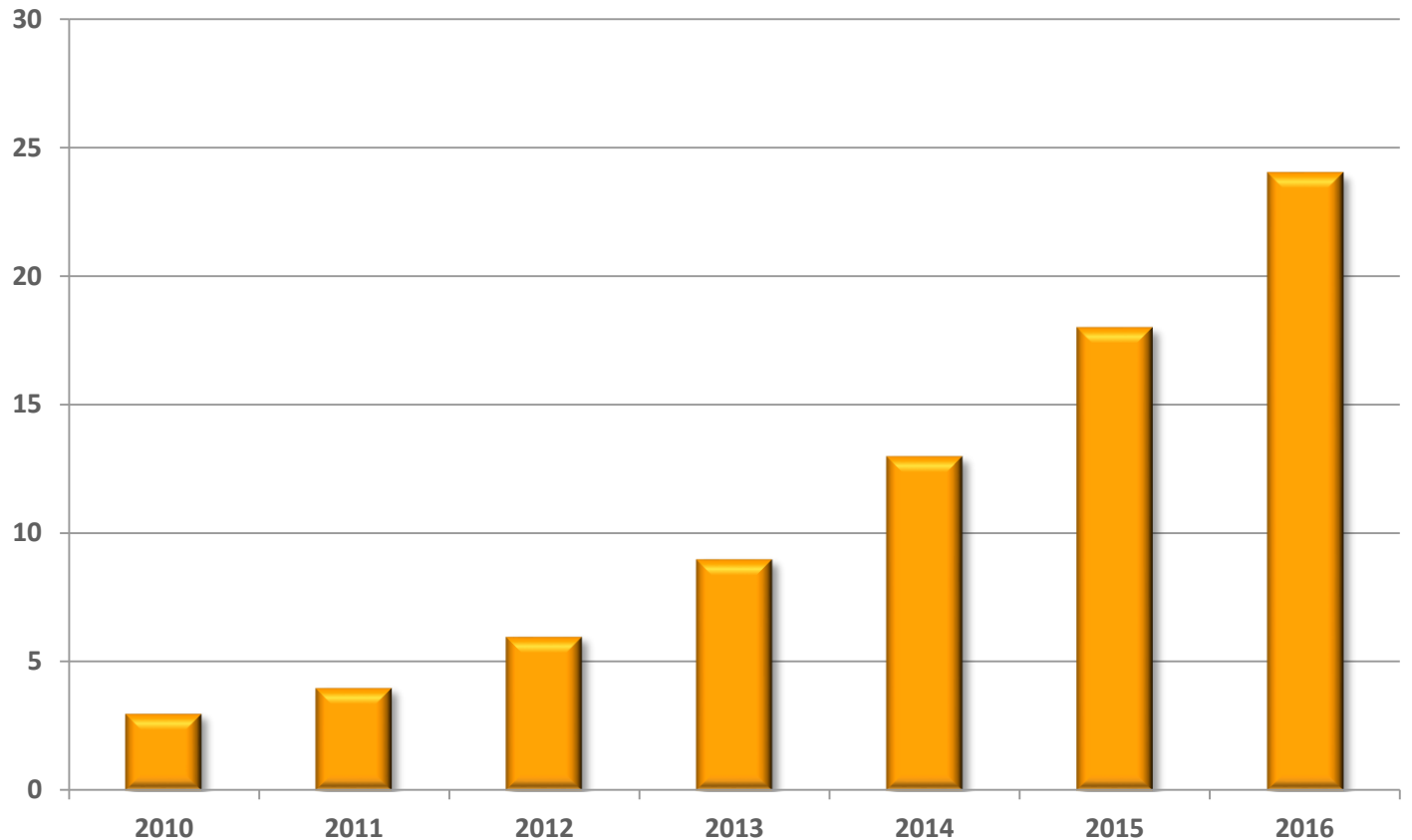
IaaS Market Growth

Outpacing Most Other Cloud Segments

Gartner: IaaS market will grow by 41.3% CAGR through 2016

IaaS one of the fastest growing segments in Cloud

Billions of Dollars

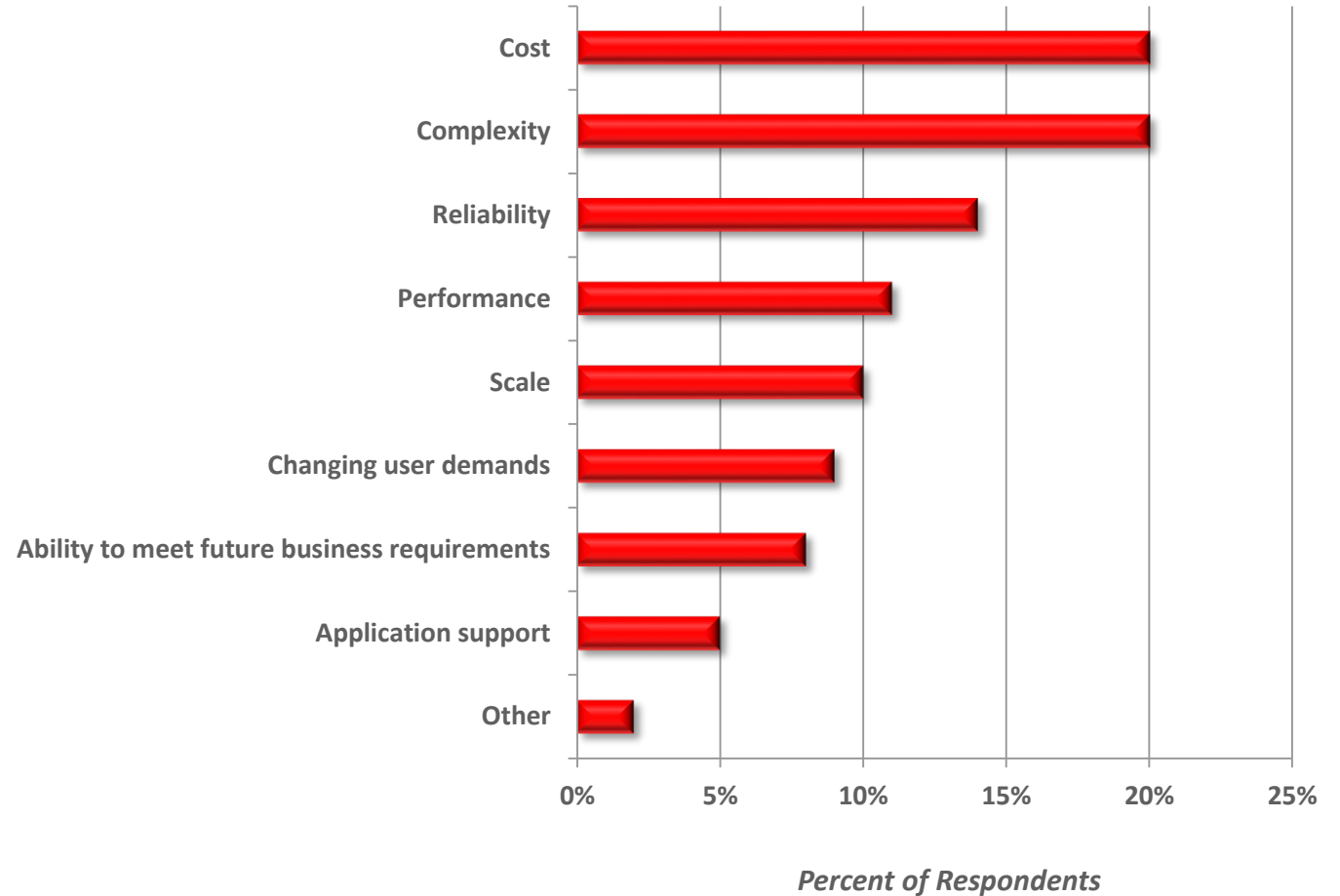


What's Driving IaaS Adoption?

Cost and complexity are biggest data center challenges

IaaS addresses data center cost and complexity, plus many other challenges

What is the single biggest challenge in managing your data center today?



... Because

IT Development, Operations And Line of Business Want ...



Developers Agility & Quality

- Instant Access
- Frequent Releases
- Build Once Deploy Anywhere



IT Operations Performance & Costs

- Faster Response
- Higher QoS
- Lower Risk
- Lower Costs
- Do More with Less



Line of Business Innovation & Speed

- New Markets
- New Products
- Ubiquitous Access
- Ease of Use

Use Cases for IaaS



Migrate any workload from on-premises to Cloud



Store and archive business data to the Cloud

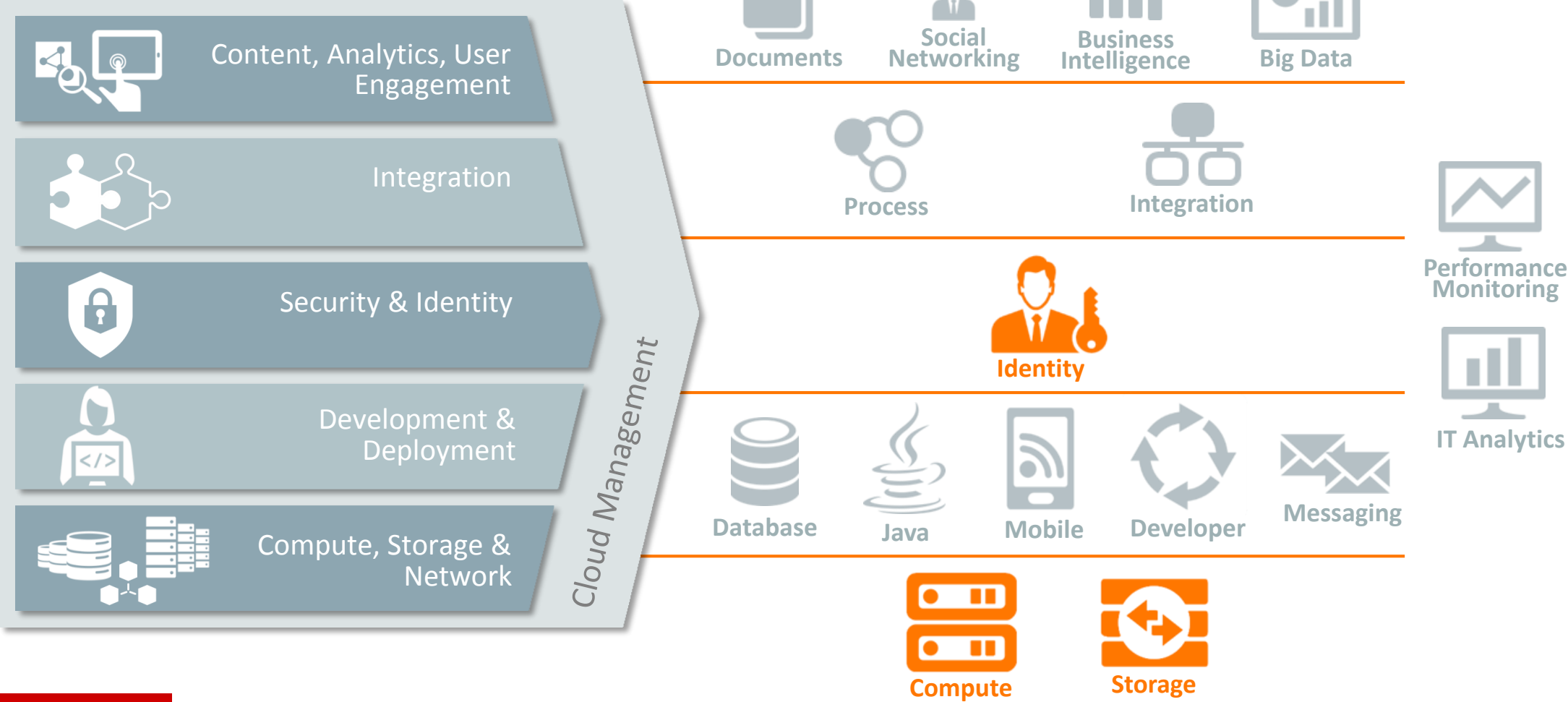


Single Sign On for Cloud and Mobile applications

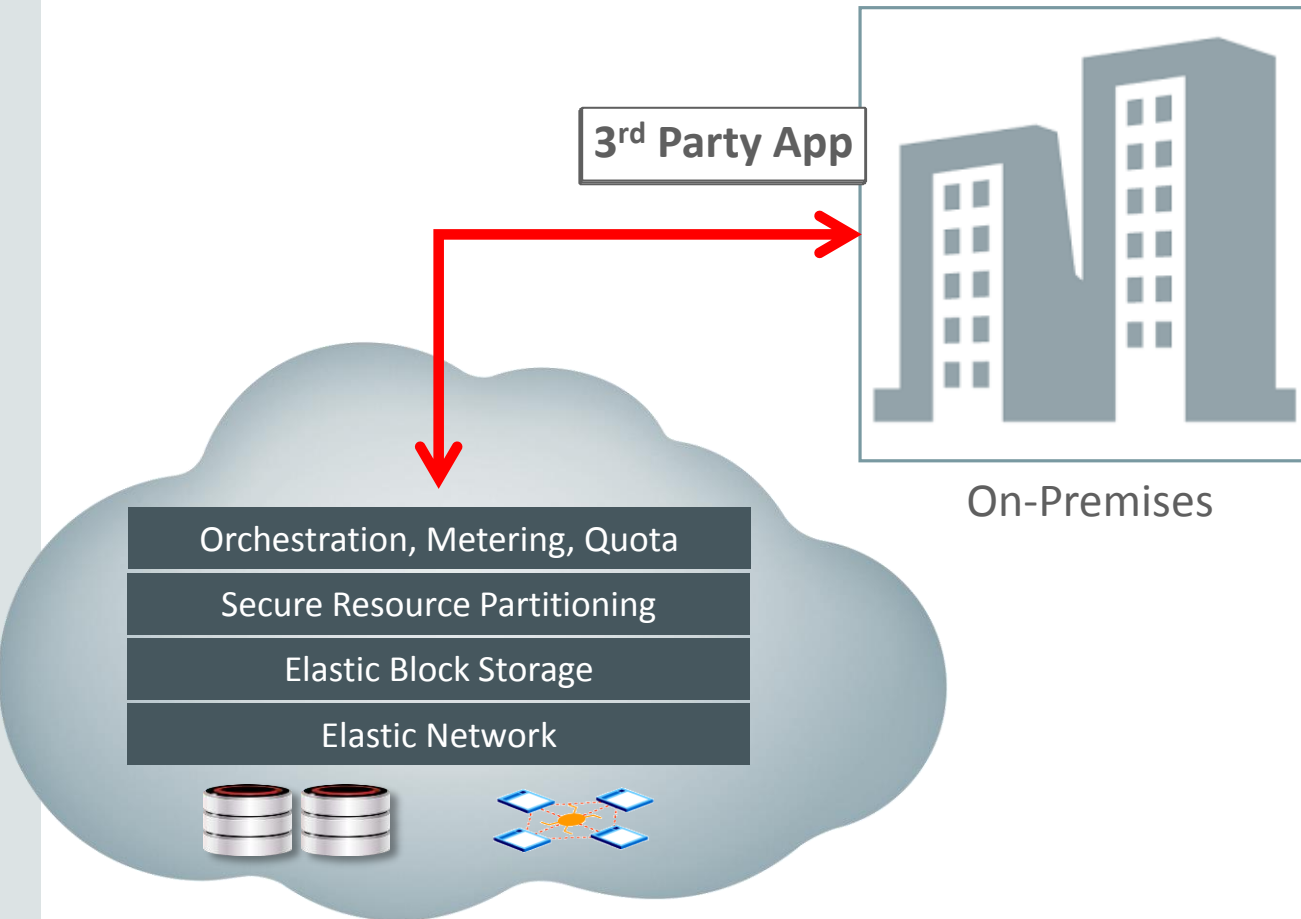
Benefits:

- Reap the benefits of Cloud without rewriting or re-architecting applications
- Improve data management and redundancy with simple, cost-effective Cloud storage
- Increase security and reduce cost with centralized identity management in the Cloud

Oracle Cloud Infrastructure as a Service



Migrate Any Workload from On-Premises to Cloud



Oracle Compute Cloud Service

- Virtual Machines (VMs) on demand
- Choice of VM shapes (general purpose, high memory)
- Full Root Access
- Network isolation; elastic or static IP addresses
- Performance, scalability, high availability

Compute Cloud Service – VM Shapes

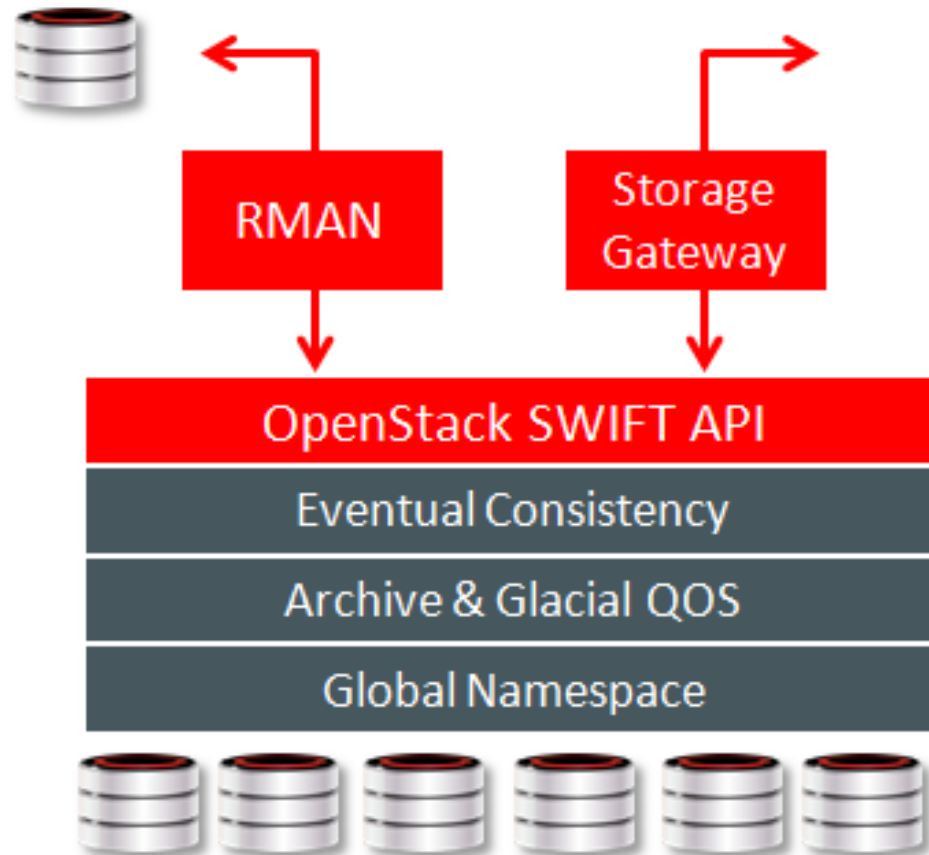


| General Purpose Shapes | OCPU / GB | Metric | Minimum |
|------------------------|------------|---------------|---------|
| OC1 | 0.25 / 1.8 | OCPU per hour | 1 hour |
| OC2 | 0.5 / 3.75 | OCPU per hour | 1 hour |
| OC3 | 1 / 7.5 | OCPU per hour | 1 hour |
| OC4 | 2 / 15 | OCPU per hour | 1 hour |
| OC5 | 4 / 30 | OCPU per hour | 1 hour |
| OC6 | 8 / 60 | OCPU per hour | 1 hour |
| OC7 | 16 / 120 | OCPU per hour | 1 hour |

| High Memory Shapes | OCPU / GB | Metric | Minimum |
|--------------------|-----------|---------------|---------|
| OC1M | 1 / 15 | OCPU per hour | 1 hour |
| OC2M | 2 / 30 | OCPU per hour | 1 hour |
| OC3M | 4 / 60 | OCPU per hour | 1 hour |
| OC4M | 8 / 120 | OCPU per hour | 1 hour |
| OC5M | 16 / 240 | OCPU per hour | 1 hour |

Oracle Compute Unit (OCPU) provides the equivalent CPU capacity of a 3.0 GHz 2012 Intel Xeon processor with hyper threading enabled.

Store & Archive Business Data to the Cloud



Oracle Storage Cloud Service

- Cloud-based storage for digital content
- Cloud and on-premises clients
- Triple mirroring for redundancy
- Java & REST API (OpenStack SWIFT)
- Target data store for Oracle Database Backup Service (RMAN-based)

Detailed Features

Storage

Capacity On-demand

- Purchase instant storage capacity with the click of a button

Metadata

- Organize collections of data with application-specific metadata

Privacy Aware

- Stored data is never moved out of designated geographic regions

Data Protection

Redundancy Built-in

- When data is written it is copied three times to separate systems

Easy Encryption

- Easily encrypt your data using client-side encryption

Self-healing

- Data is actively monitored for degradation

Data Management

Granular Access Control

- Control which groups have read and write access

Expiration

- Automatically expire data that is no longer needed

Storage Cloud :- Use Cases

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- **Backup**
 - ☐ Use public cloud storage as the backup target (email backups, databases, applications, etc.)
- **Archive**
 - ☐ Archive infrequently accessed data for long-term retention (image archives, healthcare, engineering renderings)
- ☐ **Staging**
 - ☐ Database, big data, applications

Generally Available

Storage Cloud Service Pricing



Storage Cloud Service – Unmetered Usage

| Product | Price | Features |
|-----------------------|-------------------|---|
| Storage Cloud Service | \$30 / TB / Month | <ul style="list-style-type: none">• Store an unlimited number of objects• Read and write access to controls• Automatic data replication to separate machines• Data access via REST API or Java library |

Storage Cloud Service – Metered Usage*

| Per Month | Price | Metric | Minimum |
|-----------------------|----------|------------|---------|
| First TB / Month | \$0.0240 | GB / Month | None |
| Next 49 TB / Month | \$0.0236 | GB / Month | None |
| Next 450 TB / Month | \$0.0232 | GB / Month | None |
| Next 500 TB / Month | \$0.0228 | GB / Month | None |
| Next 4,000 TB / Month | \$0.0224 | GB / Month | None |
| Over 5,000 TB / Month | \$0.0220 | GB / Month | None |

* Additional charges for Data Transfer (Outbound) and GET, PUT, COPY, POST or LIST requests apply.

<http://cloud.oracle.com>

Q & A



Hardware and Software

Engineered to Work Together

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