

# Oracle Cloud Machine Overview

Oracle Cloud in Your Data Center

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**Public Cloud**

**On Premises**



**Vast majority of Enterprise  
workloads are still on premises**

# Constraints that Prevent Consumption of Public Cloud

## Data Sovereignty


- Comply with regulatory, legal and privacy requirements
- Sensitive data on premises
- Custom security standards

## Control

- Keep control over business-critical systems
- Use your own firewalls, load balancers, hardware VPNs, etc.
- Extremely high SLAs

## Latency

- Connect with back-end mainframes, databases, ERPs, etc. with near zero latency
- Dedicated infrastructure offers lower latency

The background of the slide is a photograph of several modern, cylindrical glass skyscrapers at sunset. The sky is a mix of orange, pink, and blue. The word "ORACLE" is visible in white capital letters on the top of the leftmost building.

ORACLE

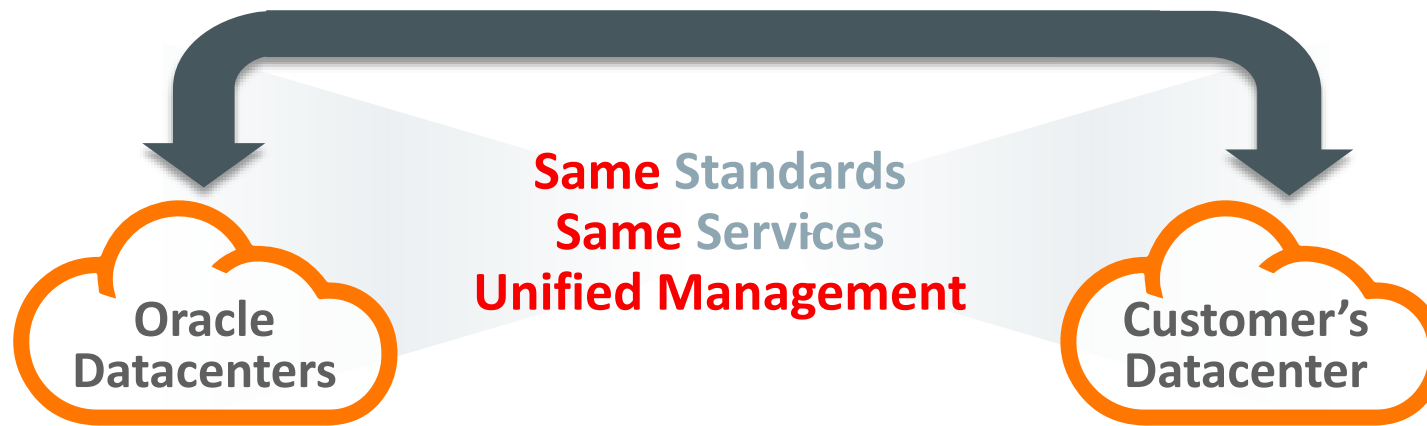
# Oracle Cloud Machine

A fundamentally new way of  
consuming cloud on premises

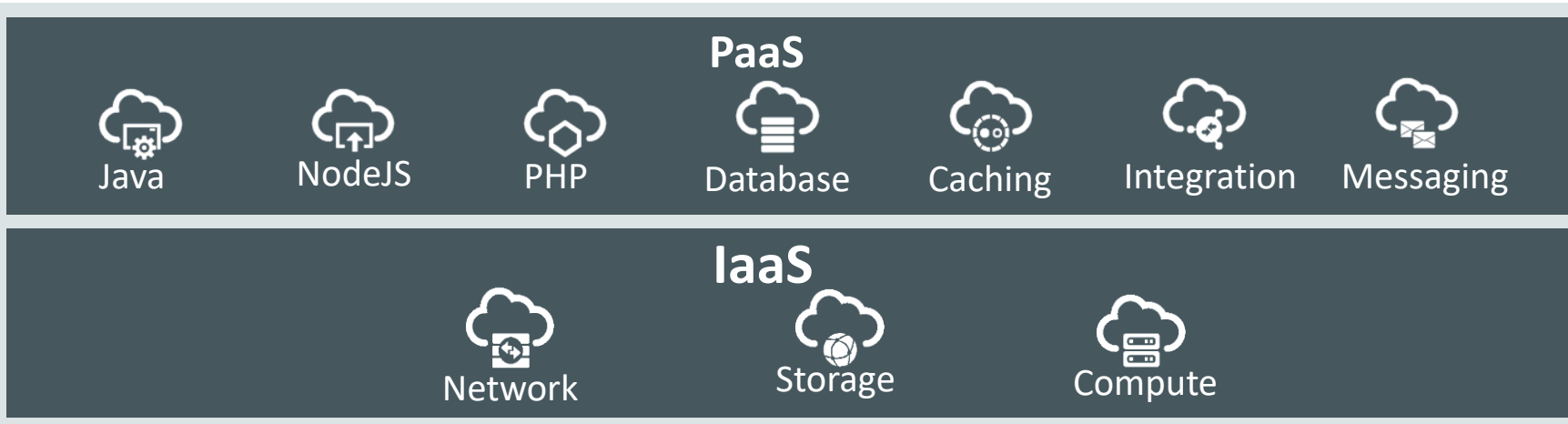
# Oracle Cloud Machine

Complete deployment choice

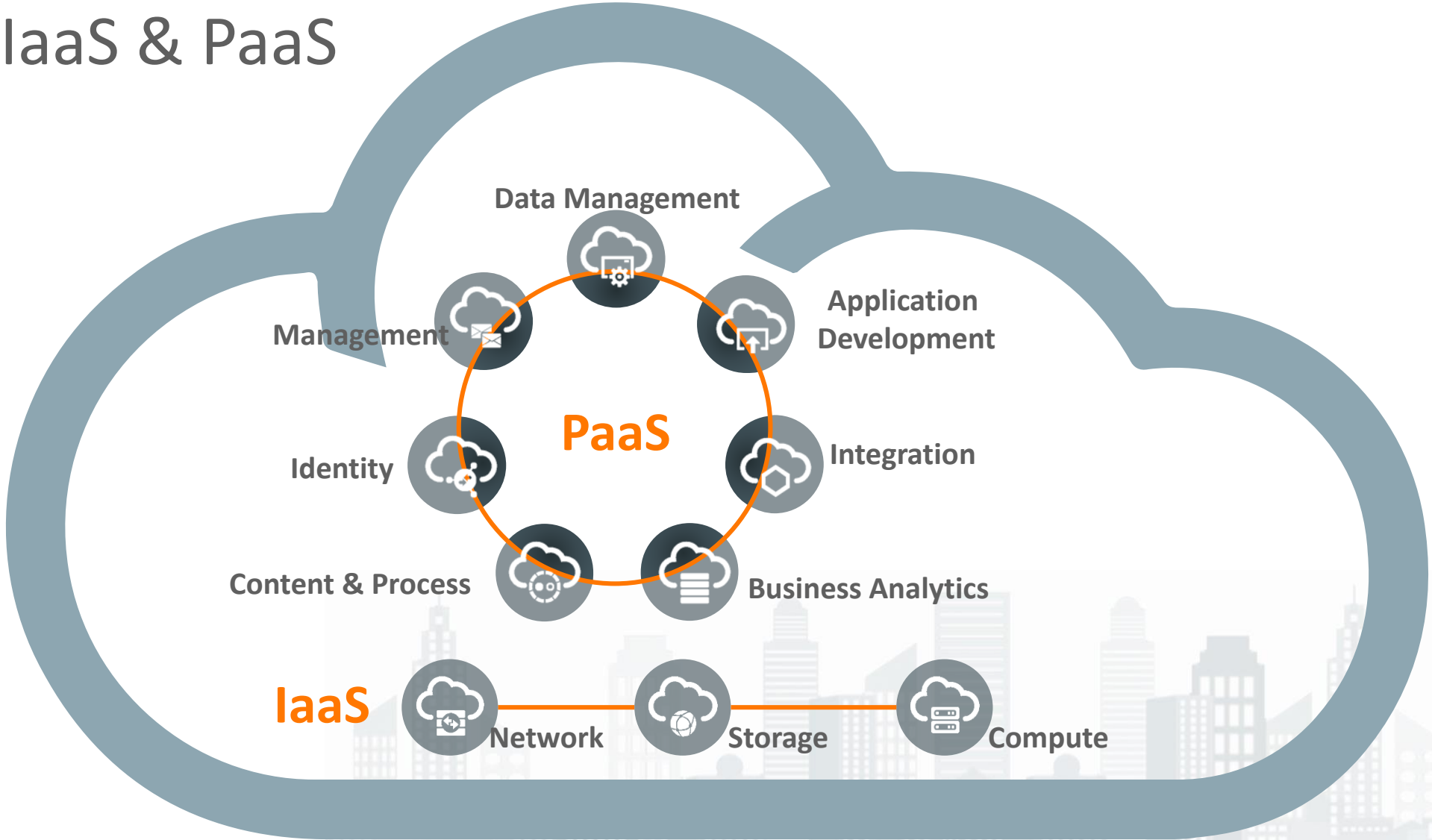
ORACLE<sup>®</sup> Cloud



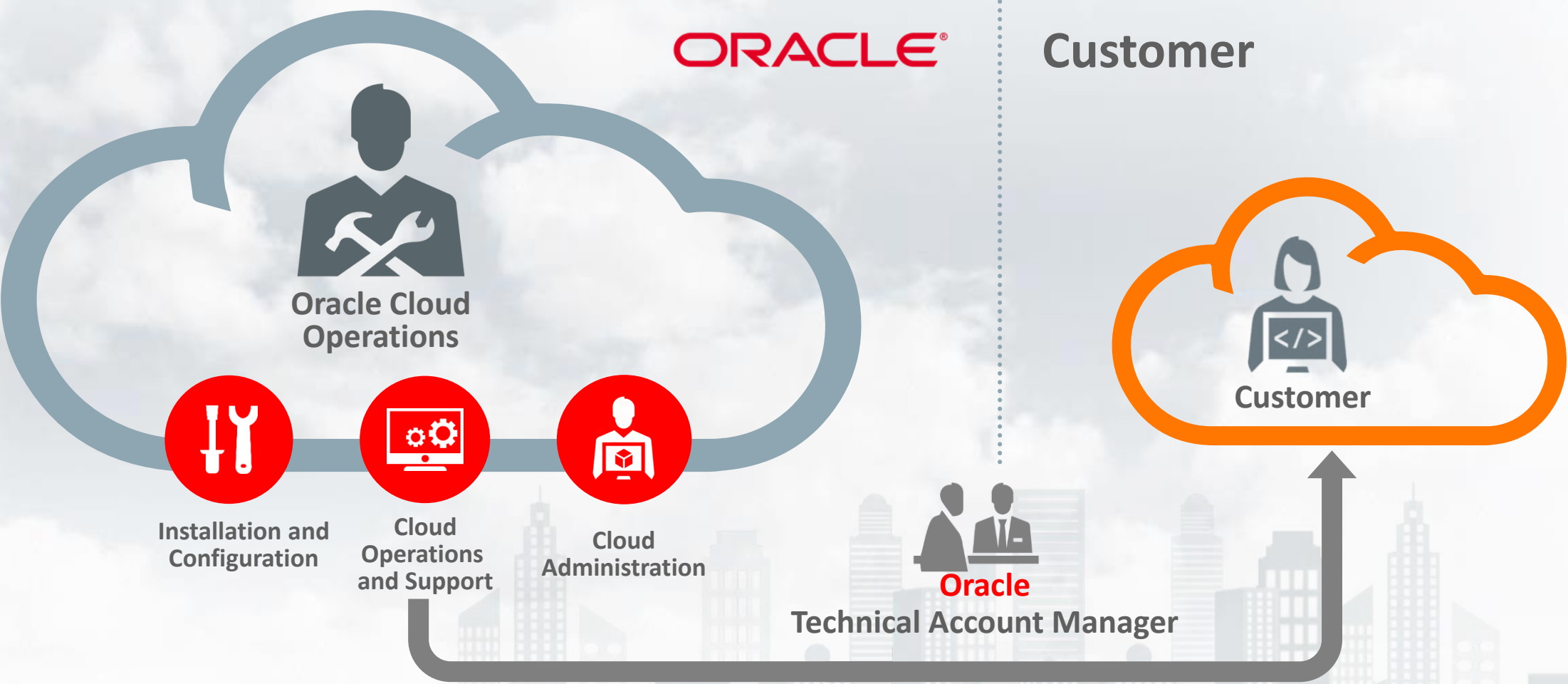
- Oracle Cloud operated and **delivered as a service** behind your firewall
- **Same** PaaS and IaaS software, same updates as Oracle Cloud
- Same cost-effective **subscription** pricing model as Oracle Cloud
- Conforms to regulatory, privacy, legal, and business\_requirements



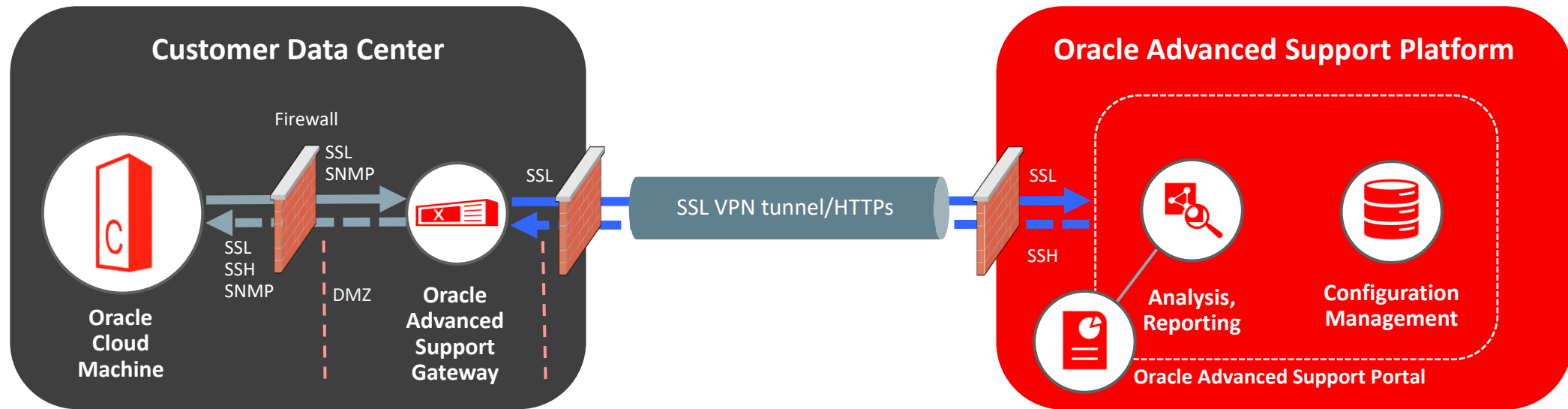
# Oracle IaaS & PaaS



# Roles and Responsibilities



# Oracle Cloud Operations Service Access



**Oracle Advanced Support Gateway** is the central enabling technology in our ability to deliver cloud operations, remote monitoring, remote response and restoration, and patch deployment services

**Oracle Advanced Support Platform** is the remote service delivery system by Oracle, based on the ITIL framework



# Oracle Cloud Machine Hardware

- Compute Tier

- 2 socket, 18-core, 2.3 GHz Intel Xeon Haswell per node
- 256 GB of DDR4 RAM
- 800 GB SAS-3 SSD per node

Model	288	576	1080
# of Compute Nodes	8	16	30

- Integrated Network

- Standard based fabric interconnect for compute and storage nodes
- Requires 10GbE fiber uplink to data center infrastructure

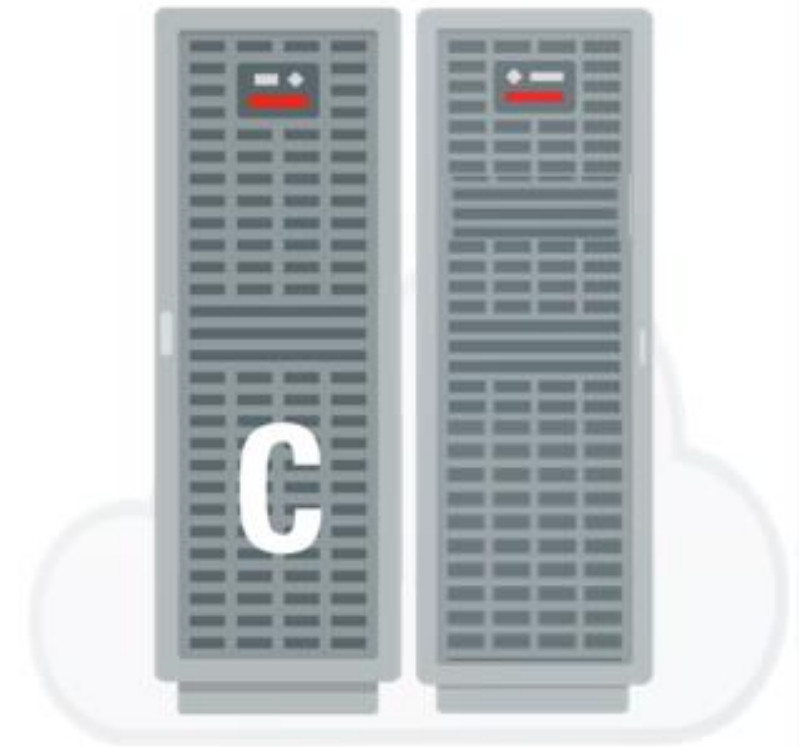
- Integrated Storage

- Sun ZS3-ES Network Attached Storage
  - 160 TB SAS disk, 6.4 TB read cache, 800 GB write cache

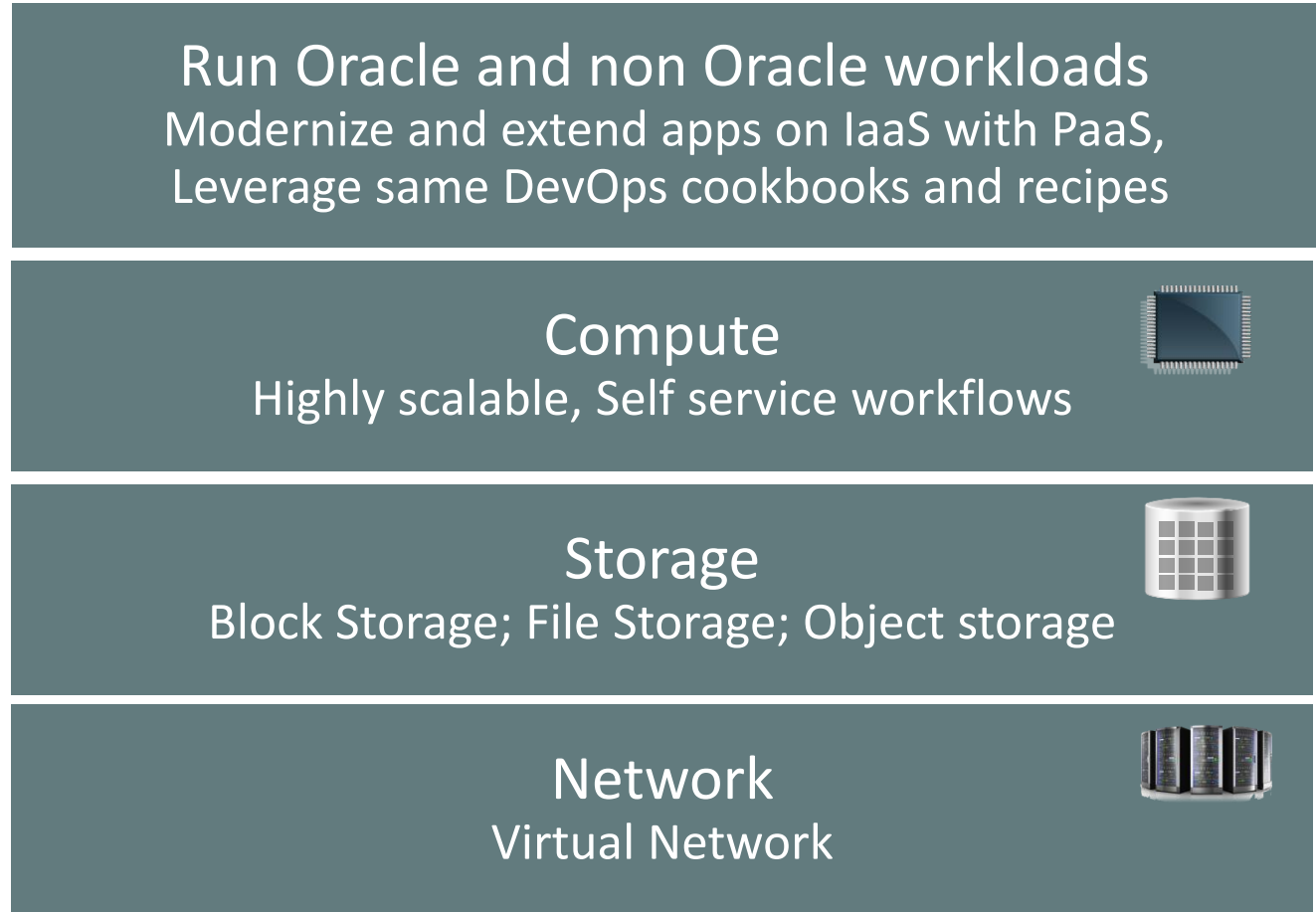
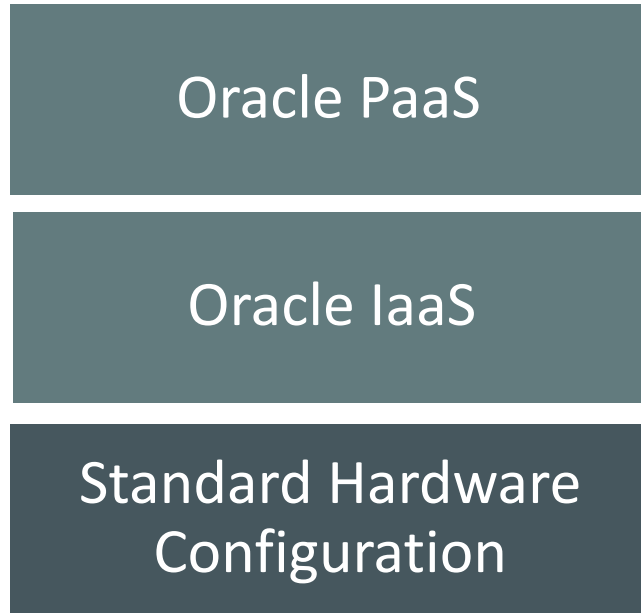


# Oracle Cloud Machine Storage Extension

- Database Cloud Service requires an external storage on Oracle Cloud Machine
- 2 available options
  - ZS3 Storage Expansion Model 268
    - Sun ZS3 Network Attached Storage
      - 268 TB SAS disk, 4.8TB write cache
      - Approximately 48TB Usable (block) Storage for DBCS
  - ZS3 Storage Expansion Model 536
    - Sun ZS3 Network Attached Storage
      - 536 TB SAS disk, 9.6TB write cache
      - Approximately 96TB Usable (block) for DBCS



# Oracle Cloud Machine Software



# Oracle Cloud Machine **Customer Benefits**

The only comprehensive cloud platform



Oracle Cloud operated and delivered as a service behind your firewall



Identical IaaS and PaaS as Oracle Cloud for extreme portability



Same cost-effective subscription pricing model as Oracle Cloud



One platform to develop, deploy, manage Oracle and non-Oracle workloads



Write once, deploy to Oracle Cloud or Oracle Cloud Machine



Conform to regulatory, privacy, legal frameworks, while consuming services

# Recommended Next Steps

I am interested in Oracle Cloud Machine, how do I learn more?



## Learn

- Read the collateral on [Oracle.com/cloudmachine](http://Oracle.com/cloudmachine)
- Ask your Oracle account team for an OCM deep dive

- Sign up for a free trial of Oracle Public Cloud PaaS and IaaS
- Evaluate our PaaS and IaaS offerings online
- Attend Oracle Cloud Days in a city near you



## Evaluate



## Engage

- Meet with your Oracle account team to discuss how OCM can address your cloud needs
- Ask your Oracle account team for available OCM subscription plans

Questions?



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