



Exadata Database Service

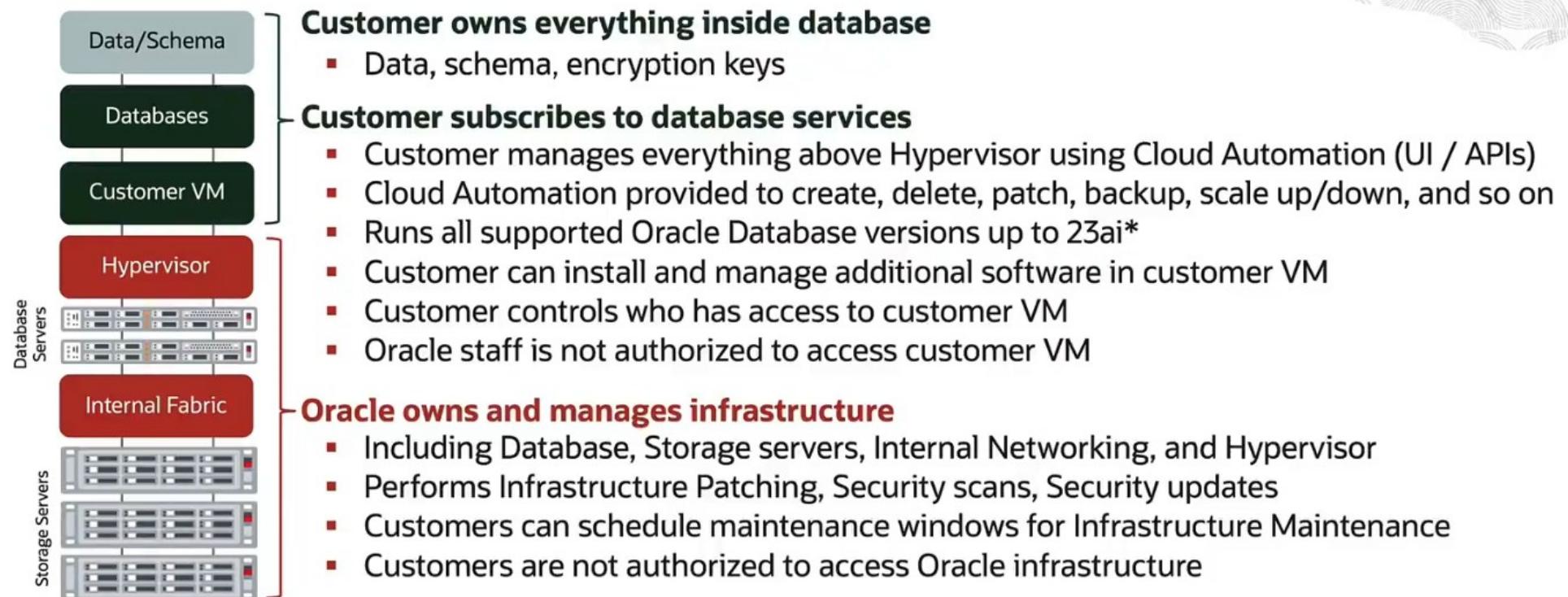
Cloud Management Responsibilities

Eddie Ambler

SENIOR TECHNICAL PRODUCT MANAGER
ORACLE

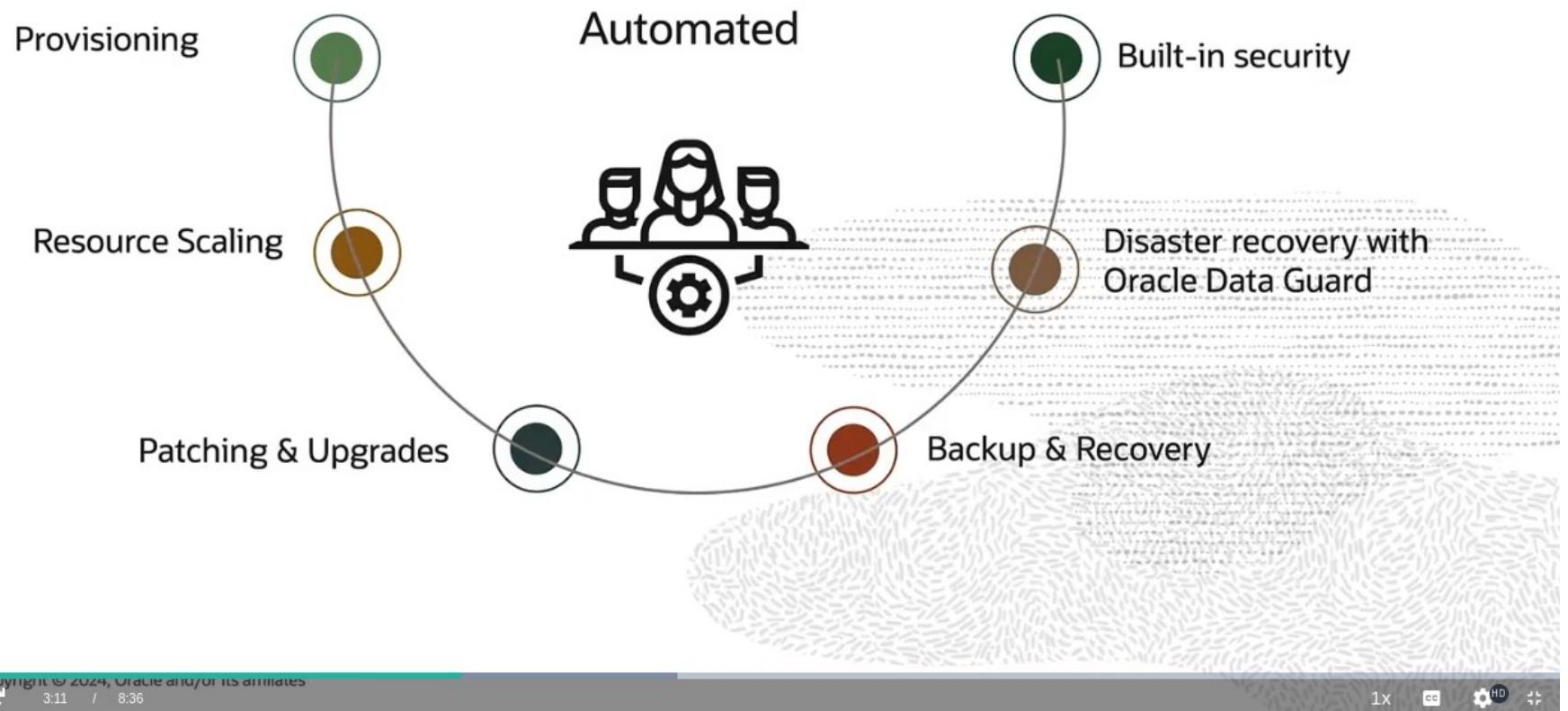
Exadata Database Service: Management Responsibilities

Simple Cloud Management Model



* Refer to documentation for latest supported Oracle Database versions

Automated database lifecycle operations under customer control



Exadata in Oracle Cloud Architecture

Exadata Components in the Cloud

- Database and storage servers connected by secure fabric
- Horizontally scalable database and storage

Secure Isolation

- Databases run in secure virtual machines isolated from underlying infrastructure

Networking Connectivity

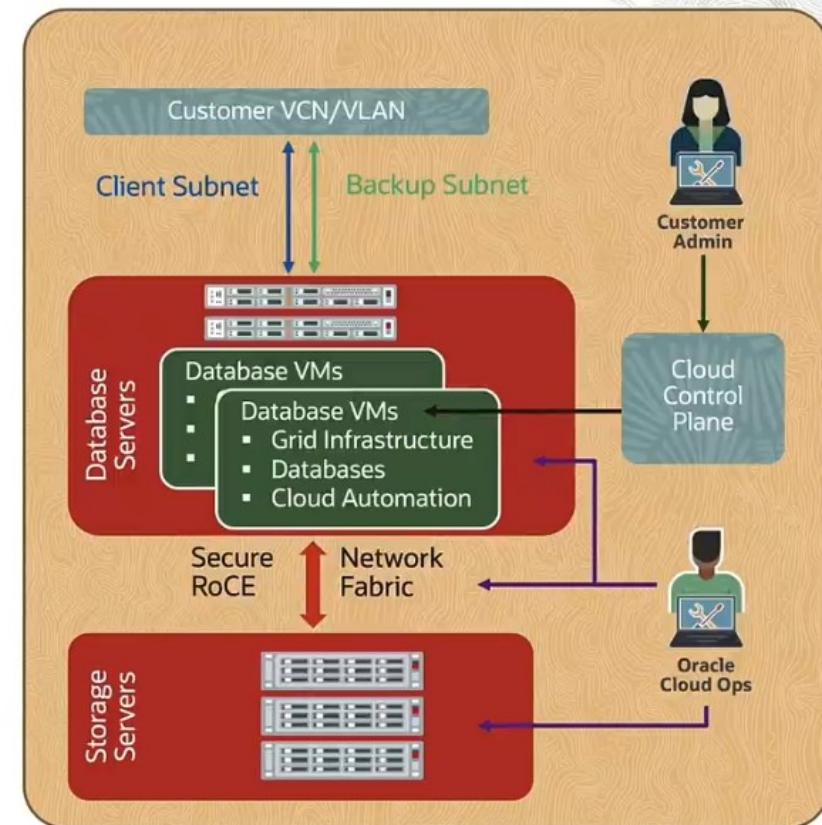
- Separate Client & Backup Subnets
- Virtual Cloud Network (VCN) and VLANs

Cloud Management

- Infrastructure managed by Oracle
- Database VM Content managed by Customer

Control Plane

- Enables management of Exadata Database VM contents



Hybrid Cloud: Public Cloud Simplicity and Elasticity Behind your Firewall

Cloud solution when its not possible to move to the public cloud

Restrictions

- Regulations or corporate policies require data to be local.

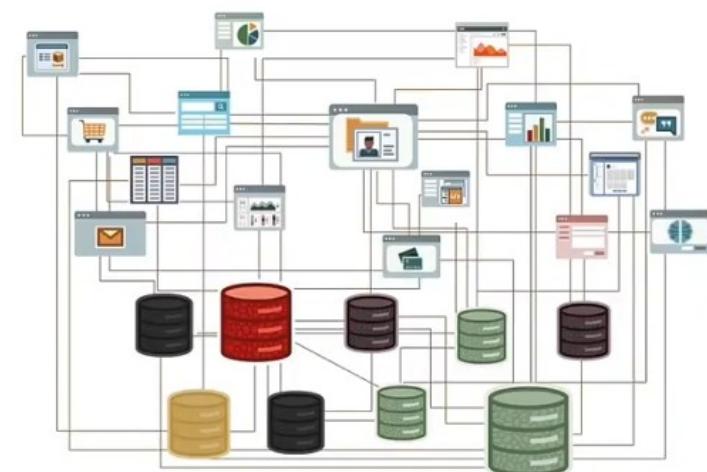
Response Time

- Real-world systems have many complex relationships that require low latency communication.
- It is hard to disentangle one system from others.

Perceived Risk

- There are concerns about multitenant cloud.

Exadata Cloud@Customer Addresses These Concerns



Exadata Database Service Cloud@Customer Architecture

