



Exadata Database Service

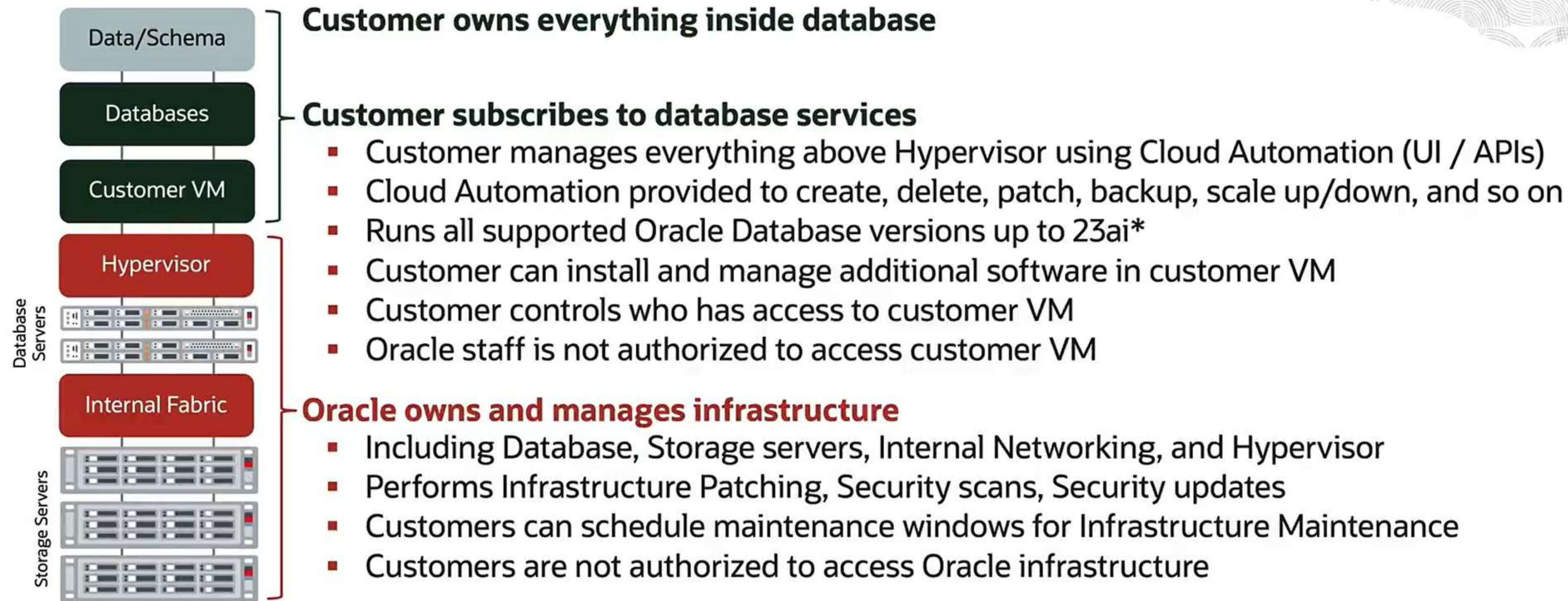
Cloud Management Responsibilities

Eddie Ambler

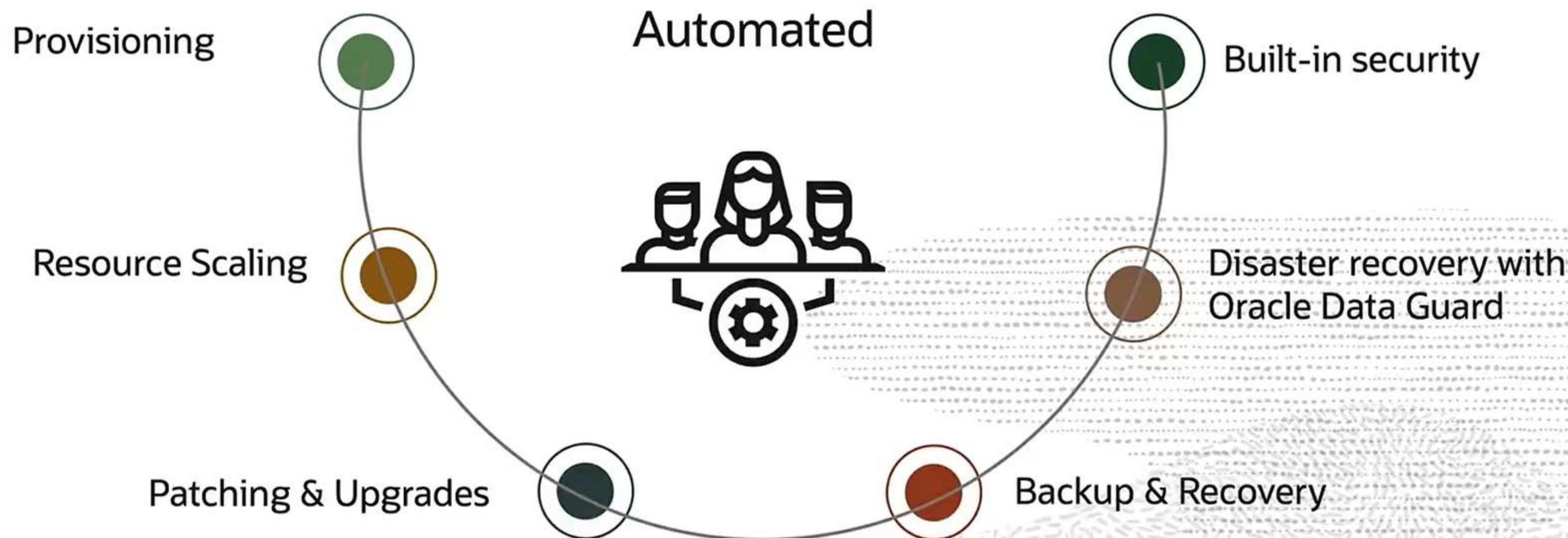
SENIOR TECHNICAL PRODUCT MANAGER
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Exadata Database Service: Management Responsibilities

Simple Cloud Management Model



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

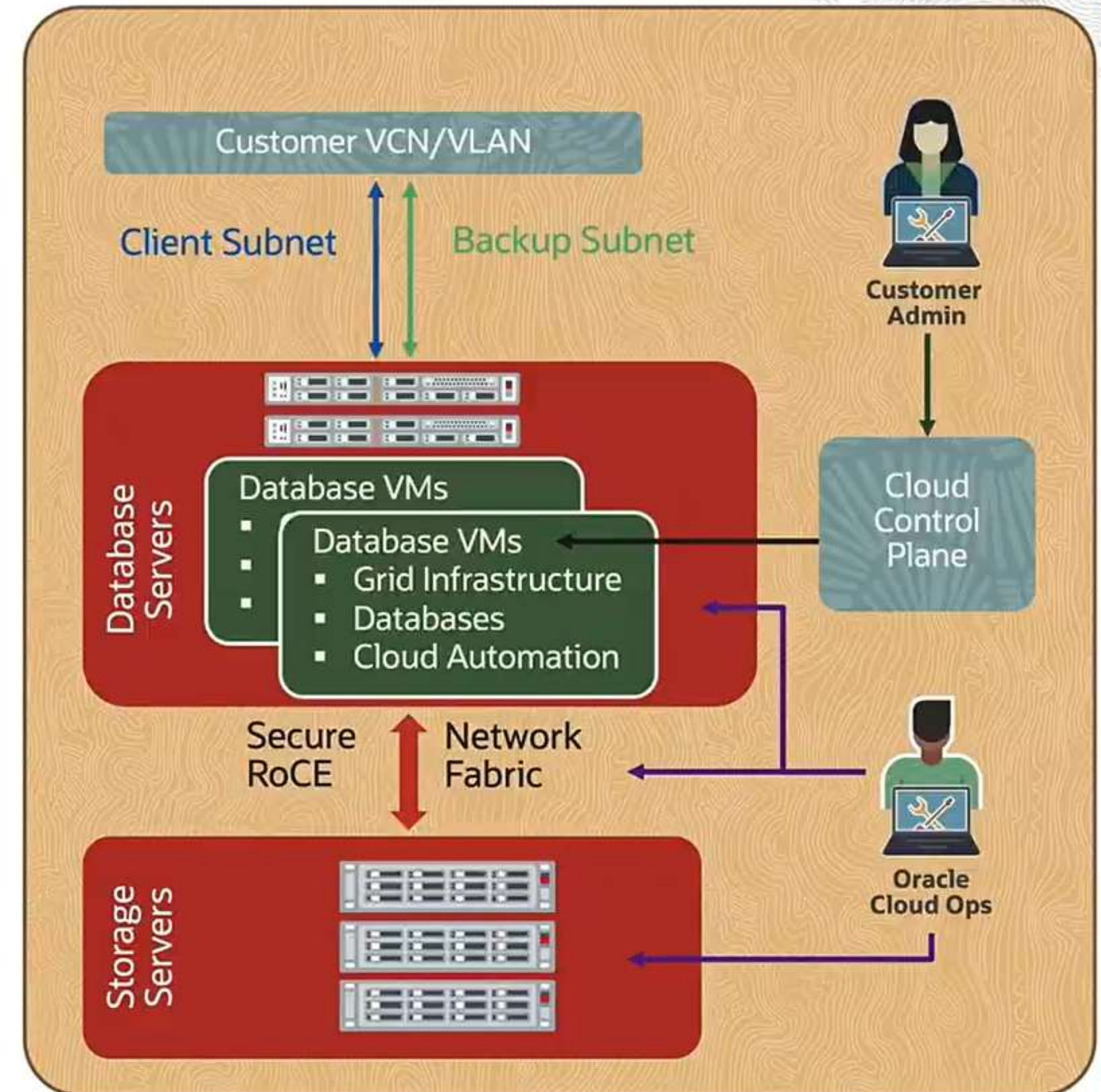
- Separate Client & Backup Subnets
- Virtual Cloud Network (VCN) and VLANs

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

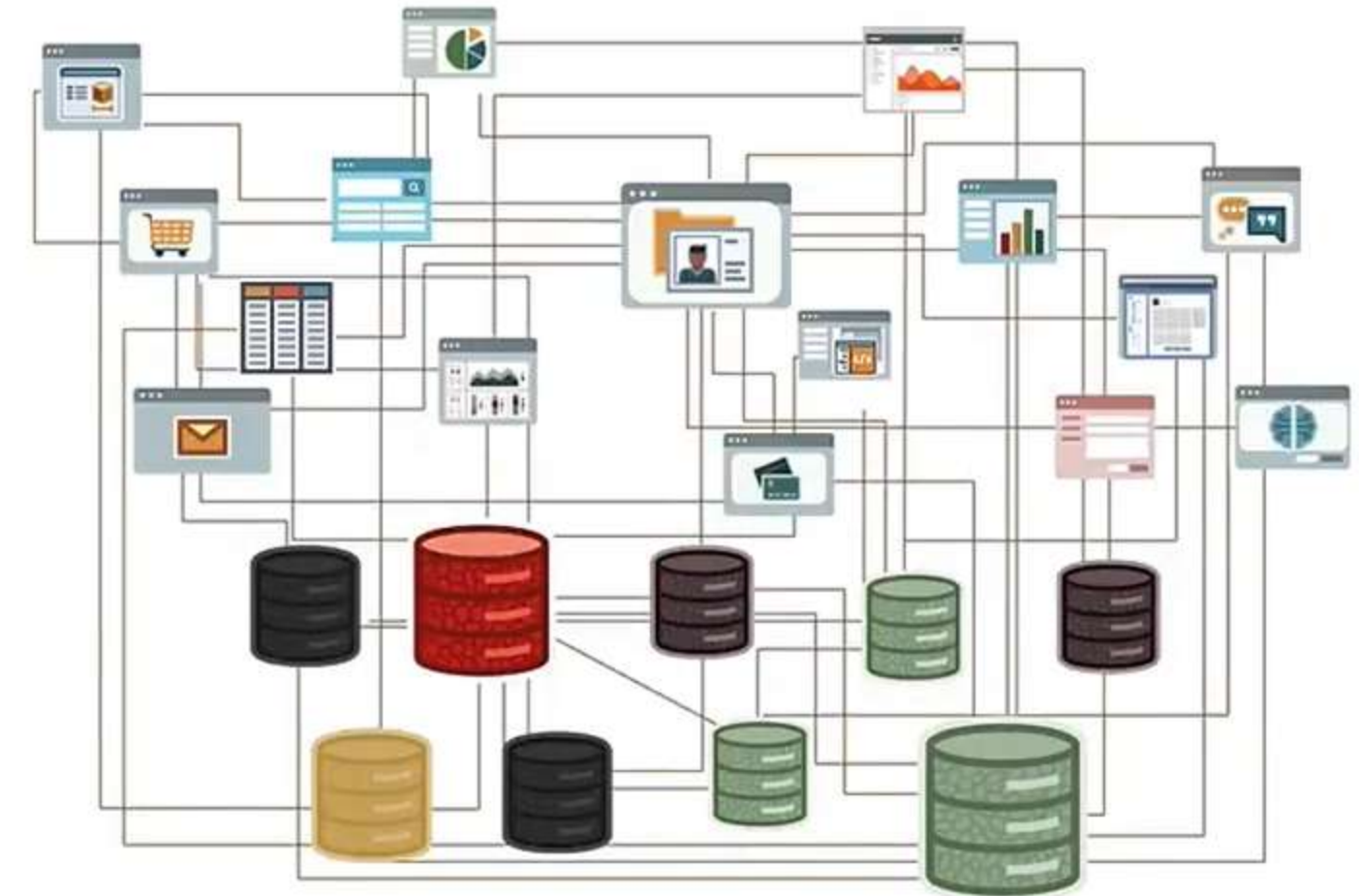
- Regulations or corporate policies require data to be local.

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

