



# Benefits of Oracle Autonomous Database

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Passionate about Database  
& Cloud Technologies

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## Safe harbor statement

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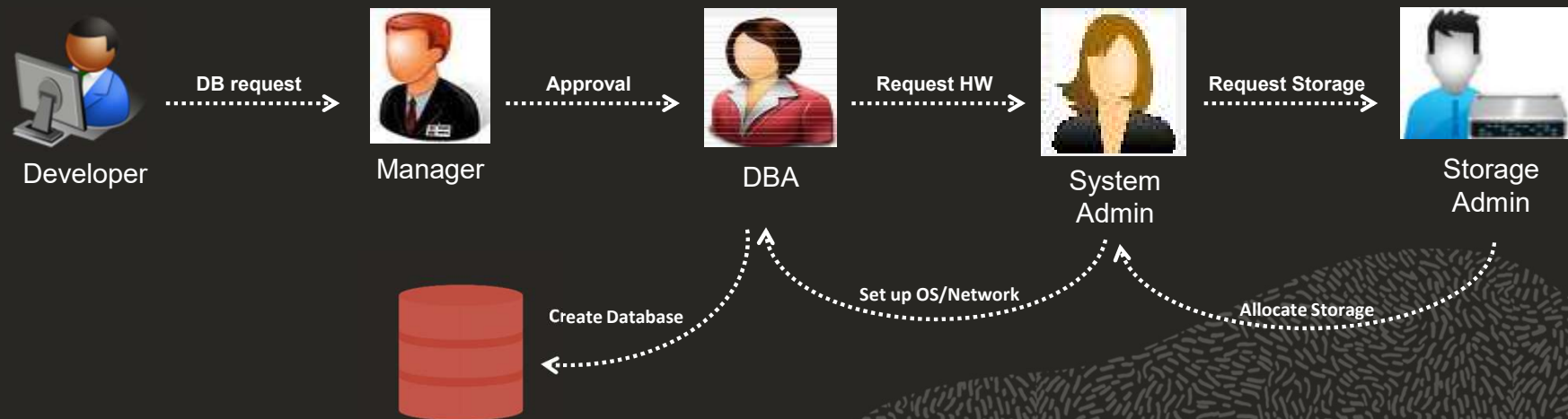


## Benefits of Oracle Autonomous Database

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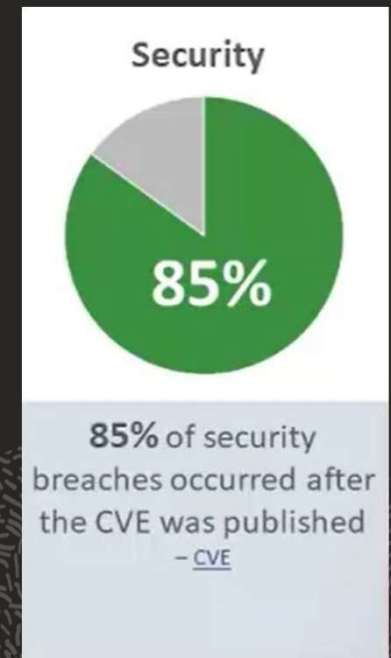
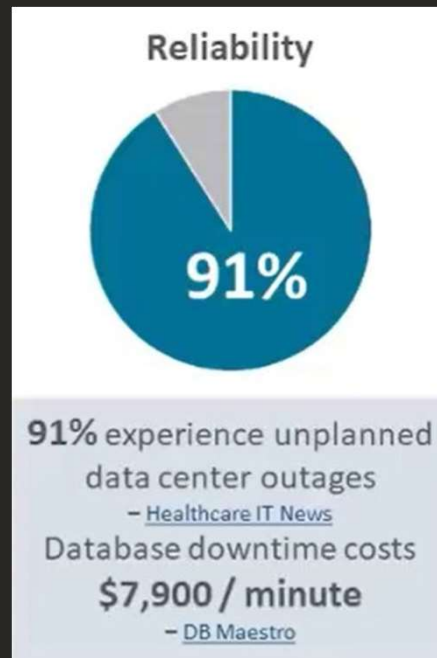
- Fully automated database management
- Performance, high availability, and disaster recovery
- Flexibility and scalability
- Enhanced Security
- Higher efficiency and shorter time to market
- More time and resources for tasks that bring real value to your enterprise

## On-Premise | Database Provisioning

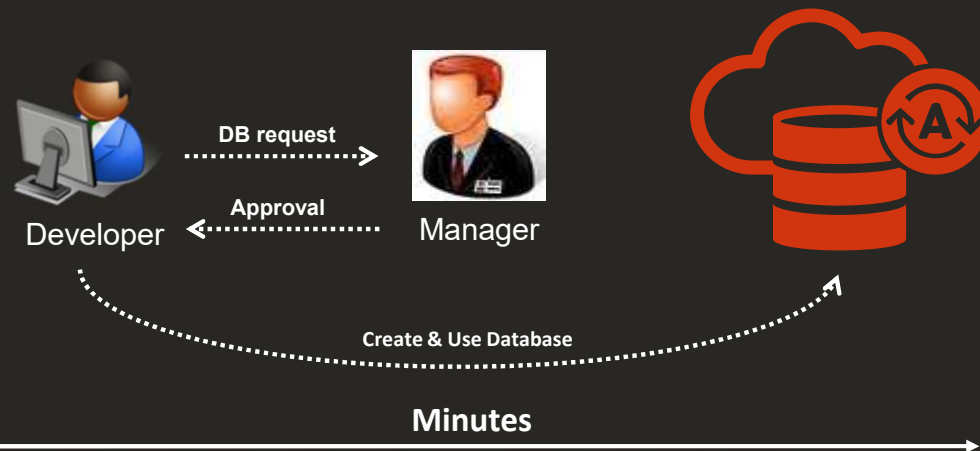




## On-Premise | Challenges



# Oracle Autonomous Database



**shorter time to market**

## Self-Driving

Init Parameter  
Automatic Backup  
Storage Management



## Self-Securing

TDE  
SQL\*Net, Backup Enc.  
Database Auditing



## Self-Patching

Release Updates  
Security Patches  
Upgrade

Scaling  
Cloning  
Restore





```
graph LR; A[Full Automation] --> B[Reduces Human Error]; B --> C[High Availability]; B --> D[Enhanced Security]; B --> E[Flexibility & Scalability];
```

**Full Automation**

**Reduces  
Human Error**

**High Availability**

**Enhanced Security**

**Flexibility  
& Scalability**

**High Availability**

**Enhanced Security**

**Flexibility  
& Scalability**

**What are the (cost)  
consequences of  
unplanned  
downtime???**

**What are the (cost)  
consequences of  
data breach???**

**Pay only for what  
you use!!!**

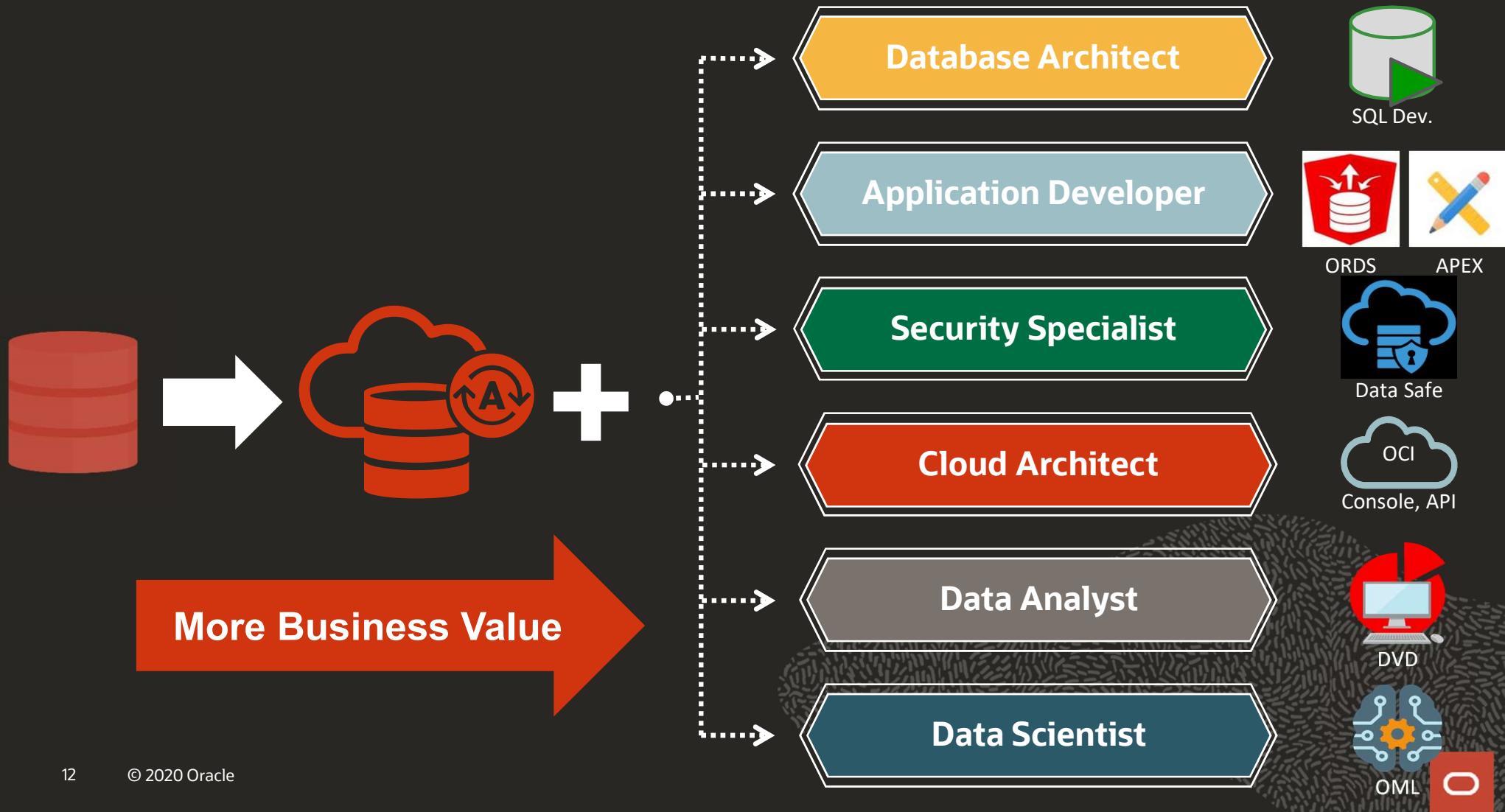
**Lower Cost**



**Full Automation**

**Reduces  
Human Labor**

**More Time  
& Resources**



## What Autonomous Database Means for DBAs

- Tasks Specific to the Business

- Architecture, planning, data modeling
- Data security and data lifecycle management
- Application-related tuning
- End-to-End service level management

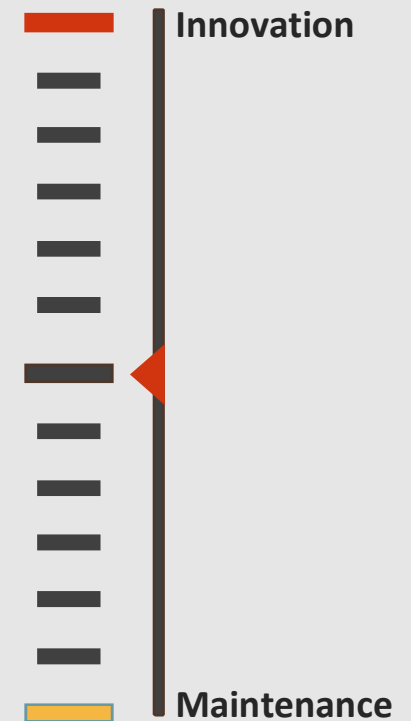


- Tactical Operations

- Configuration and tuning of systems, network, storage
- Database provisioning, patching
- Database backups, HA, disaster recovery
- Database optimization



Value Scale





## What Autonomous Database Means for DBAs

### • Tasks Specific to the Business

- Architecture, planning, data modeling
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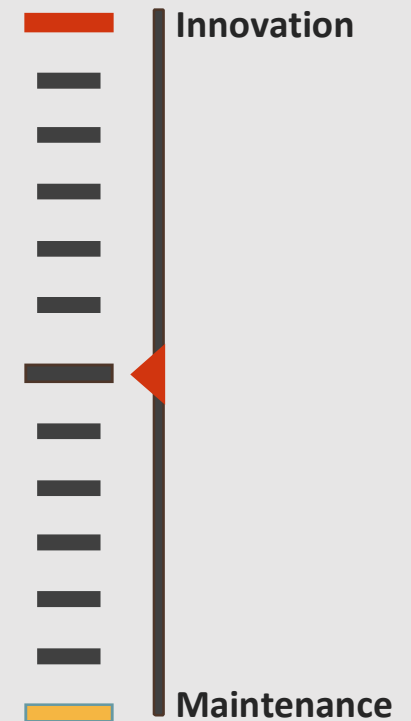


### • Tactical Operations

- Configuration and tuning of systems, network, storage
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### Value Scale



**Pay As You Go**  
**Start with 0 \$**

\$2.5202 OCPU/Hour



**Monthly Flex**  
**12k \$**

-33%

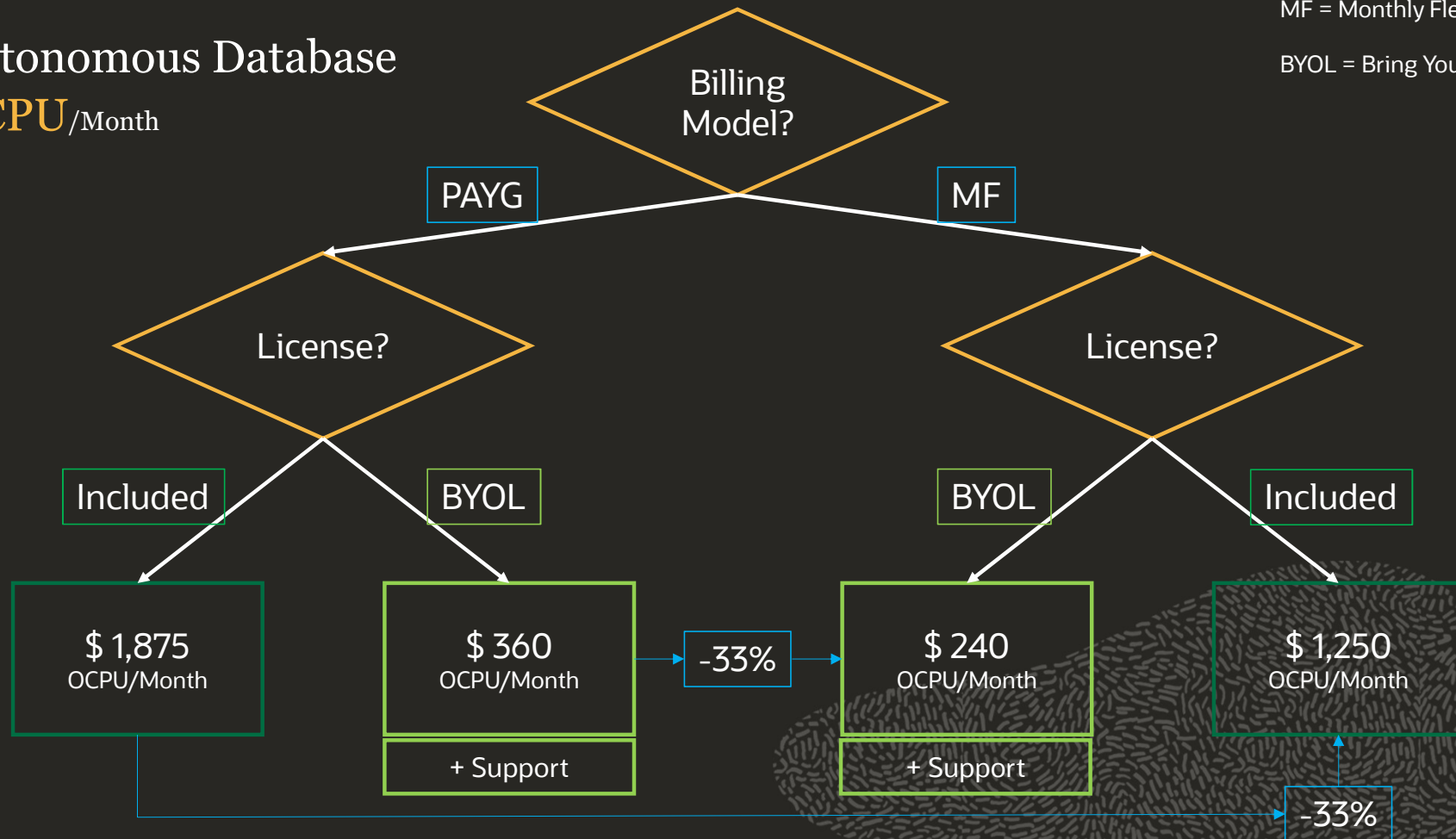
**Always Free:** [oracle.com/cloud/free](https://oracle.com/cloud/free)

# Autonomous Database

OCPU/Month

PAYG = Pay As You Go  
MF = Monthly Flex

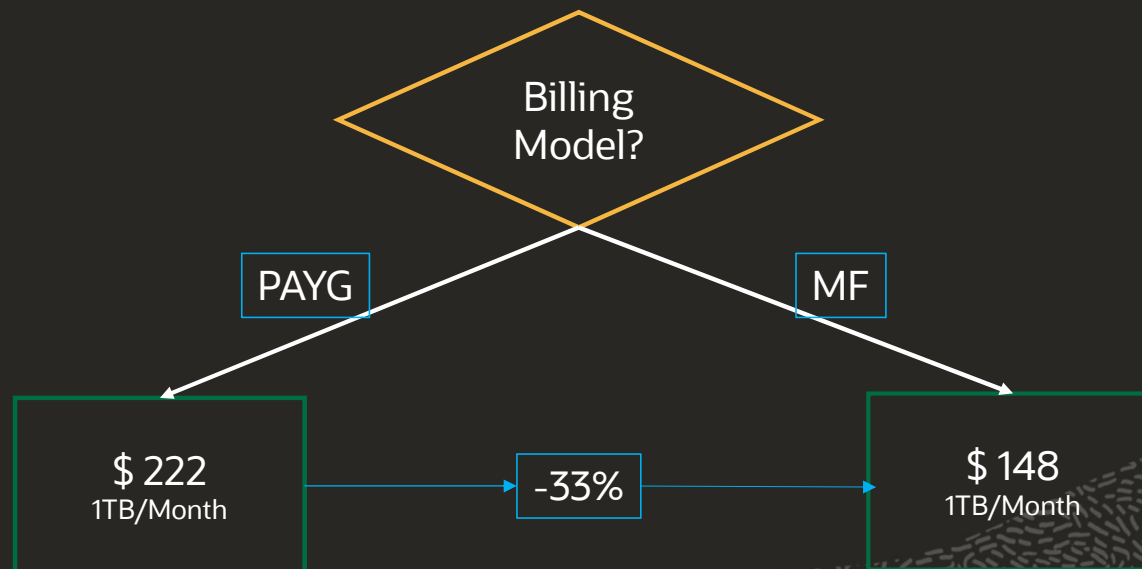
BYOL = Bring Your Own License



# Autonomous Database

Storage<sub>(TB)</sub>/Month

PAYG = Pay As You Go  
MF = Monthly Flex

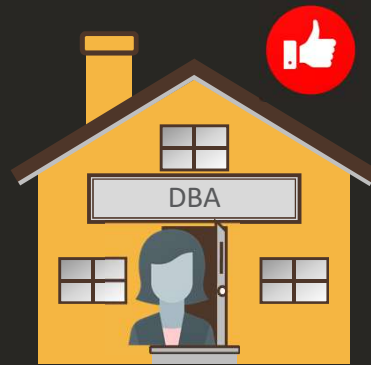




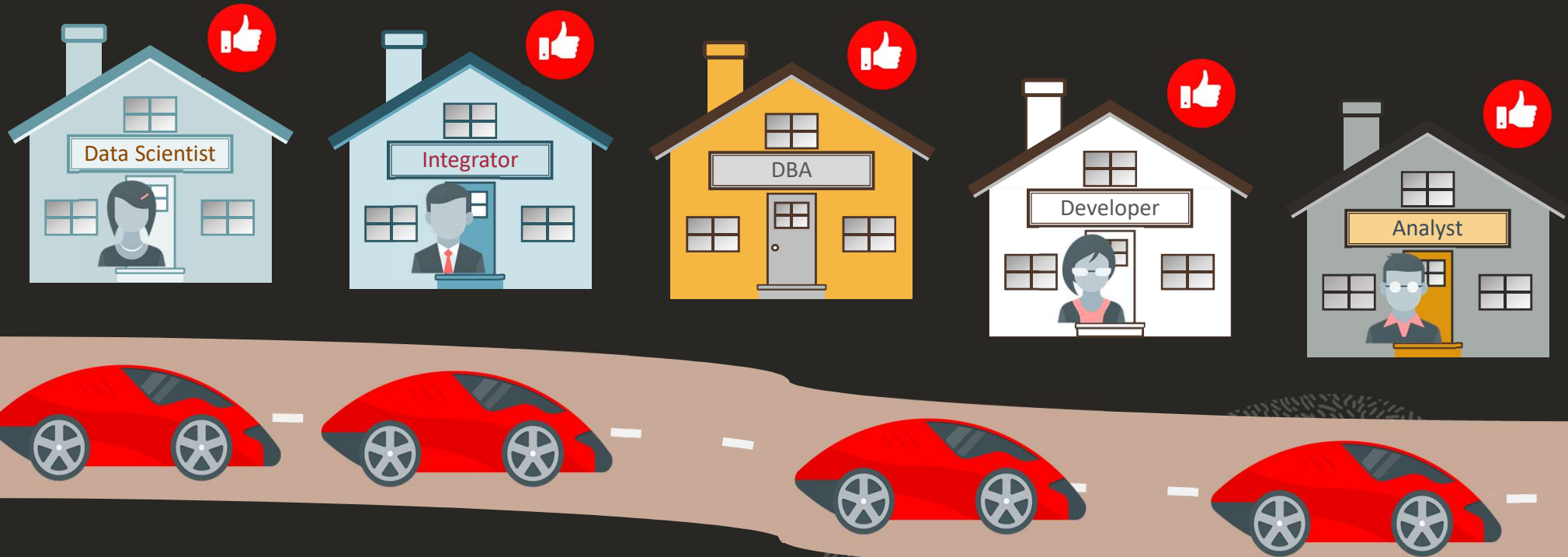
I ❤️ MY  
DATABASE  
ADMINISTRATOR



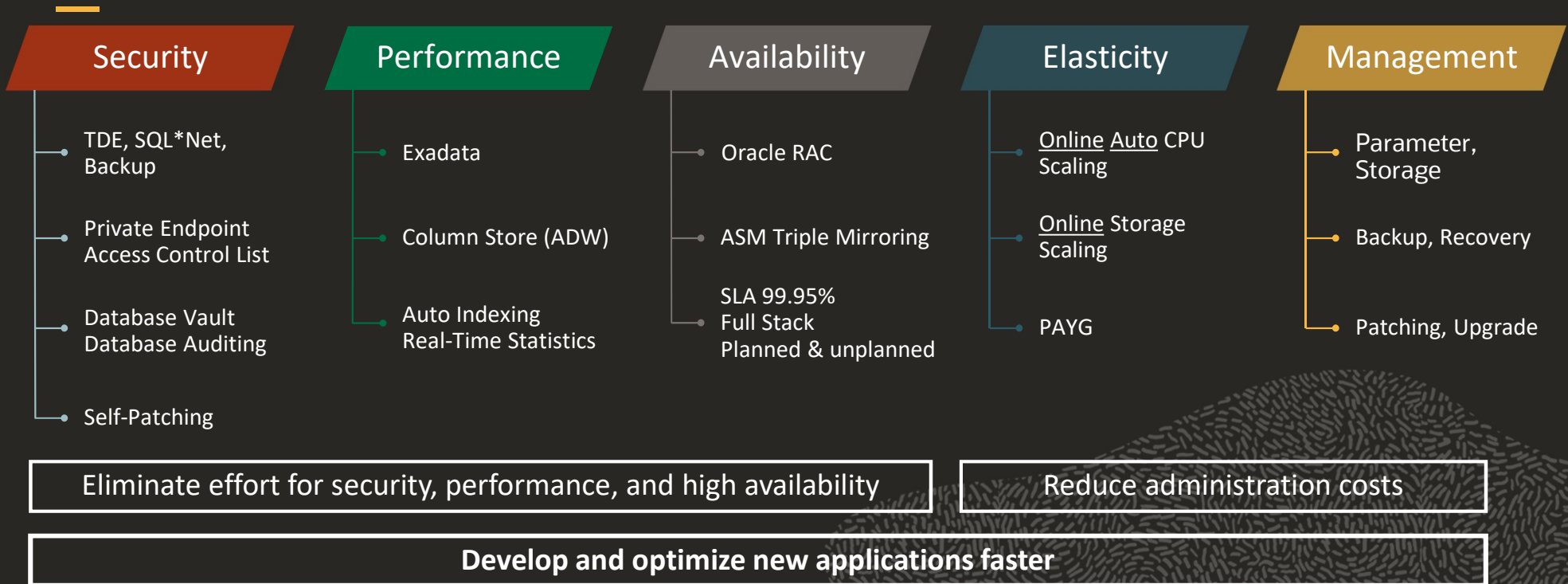
# Autonomous Database Makes DBA's Life Easy



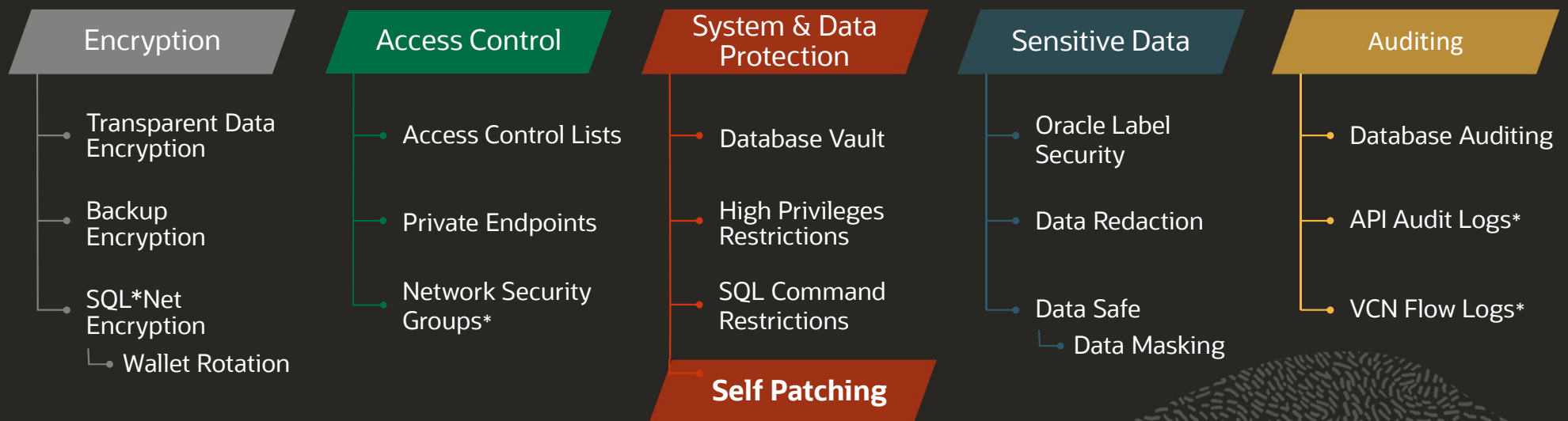
# Autonomous Data Platform Benefits All Persona



## Autonomous Database | Customer Benefits



## Autonomous Database | Security Features



\* OCI Security Features

## Oracle Autonomous Data Guard

### Eliminates Site Downtime

#### Maintains a real-time remote copy of a production database

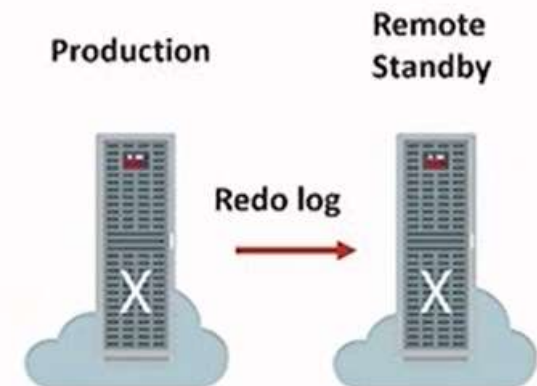
- Protects from physical disasters, network outages
- Automatically switches from primary to remote copy

#### Maintains copy by applying logical changes, not physical changes

- Protects against database corruptions
- Validates data consistency as changes are applied

#### Fully Autonomous – Automates Everything

- Creation, operation, patching, backup, recovery





## Appendix

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Automation: <https://www.cfodive.com/news/financial-automation-must-have-Generis/571674/>

Human Error: <https://www.oracle.com/corporate/blog/can-ai-based-cybersecurity-render-human-error-extinct-013020.html>

Low-code application development: <https://www.mendix.com/resources/gartner-2019-magic-quadrant-for-enterprise-low-code-application-platforms/>

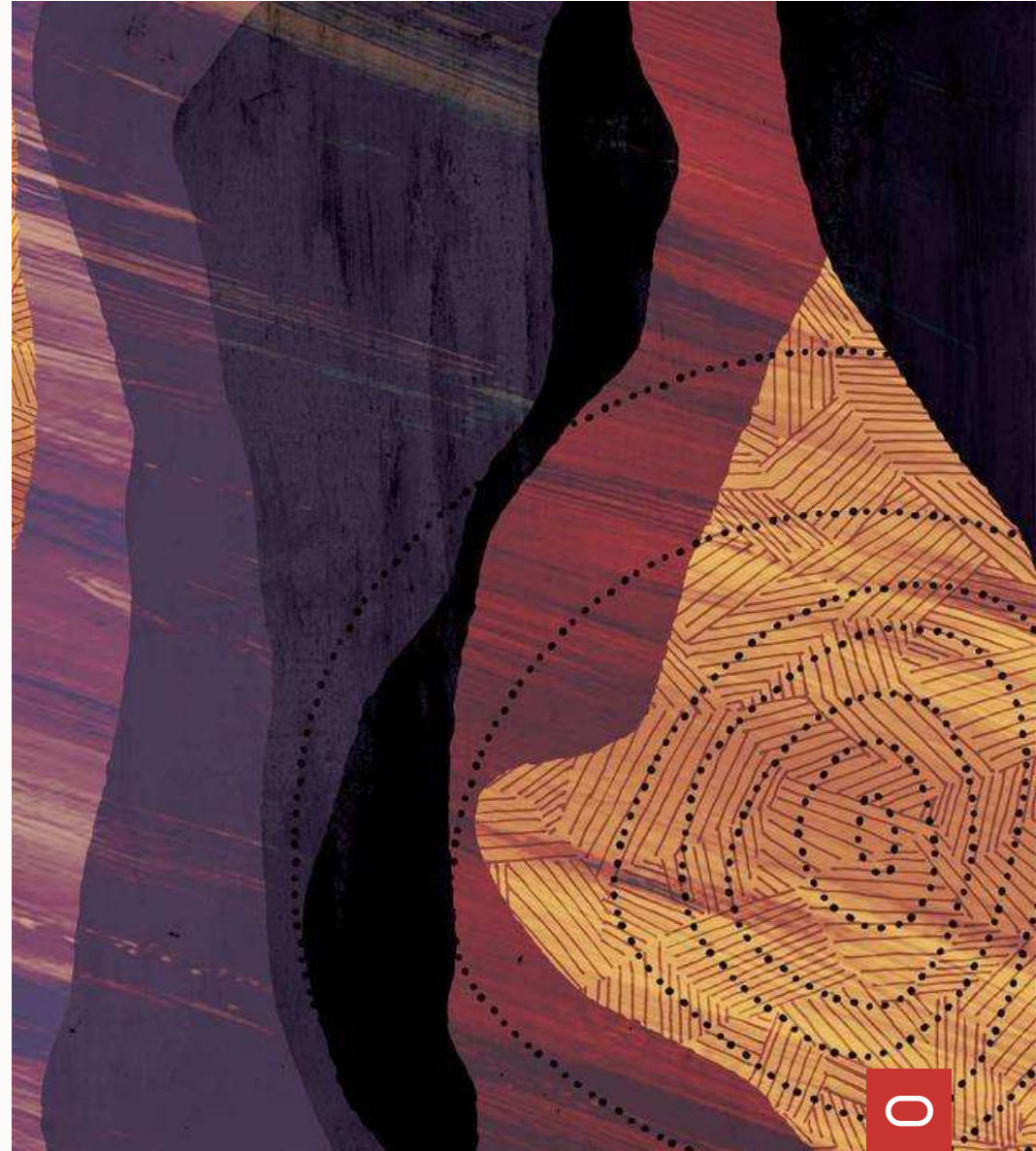
# Q & A



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# Thank you

**Sinan Petrus Toma**



ORACLE

