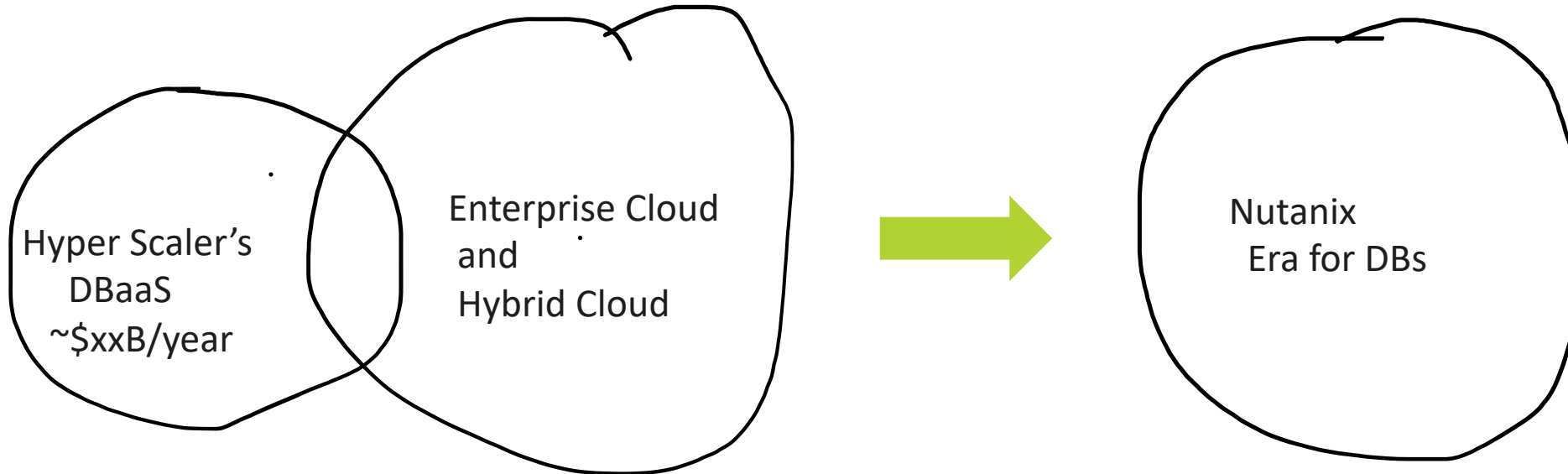


**NUTANIX™**

# Nutanix Era Platform

Bala Kuchibhotla, SVP and GM for Business Critical Apps

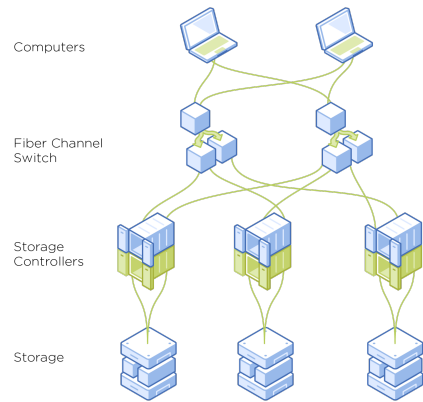
# Opportunity : Enterprise Cloud + DBs



\*\* Help create DBaaS @ Customer terms

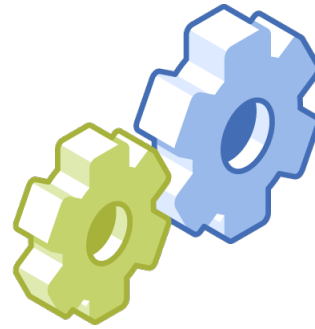


# DBaaS: Legacy Infrastructure Complexity



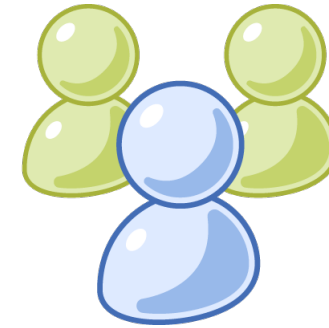
## Infrastructure

- Slow provisioning
- Inconsistent performance
- Large upfront CapEx



## Process

- Difficult to scale
- Lengthy upgrades
- Too much downtime



## People

- Little time for innovation
- Requires IT specialists
- Slow dev/test impacts productivity

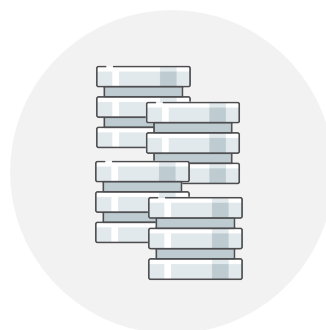


# DBaaS : DB product challenges



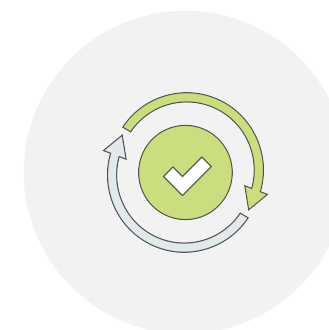
## Hard to maintain SLAs

- Need specialized IT resources
- Manually apply vendor best practices



## High cost of copy data

- Storing many DB copies [100 to 1000s]
- Often on expensive storage arrays



## Decreased business agility

- Slow database spin up times
- Complex database recovery
- Complex lifecycle management

- 45% to 60% of total storage capacity is dedicated to accommodating copy data<sup>1</sup>
- 82% of organizations have at least 10 copies of their production data<sup>1</sup>



Nutanix Era : DB cloud @ your terms

DB cloud experience @your terms



Provisioning



Patching

One Click  
Databases

ORACLE®



MySQL™

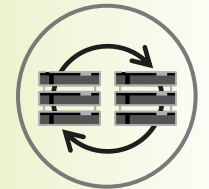
MariaDB

Microsoft  
SQL Server



Snapshot  
Clone  
Refresh

Time-machine



Backup

Database  
Protection

Block  
Services



Compute  
Services



Object  
Services



File  
Services



Net-Sec  
Services



Nutanix Core Platform : SDDC



# Era Platform for Databases : TCO Study

FORRESTER

## The Total Economic Impact™ Of Nutanix Era

Through four customer interviews and data aggregation, Forrester concluded that Nutanix Era has the following three-year financial impact.



<sup>1</sup> Findings from Forrester Total Economic Impact Report for Era – <https://www.nutanix.com/go/forrester-total-economic-impact-study-of-nutanix-era>



# Hybrid Cloud : DB Management Era



puppet  
servicenow Jenkins

External service integration

ORACLE End-to-end support  
MySQL MariaDB Microsoft SQL Server SAP HANA

DB-engines

RBAC

Data Access Management

intel OPTANE MEMORY  
On Premises Multi-Cluster aws Azure

Performance

Multi-cluster

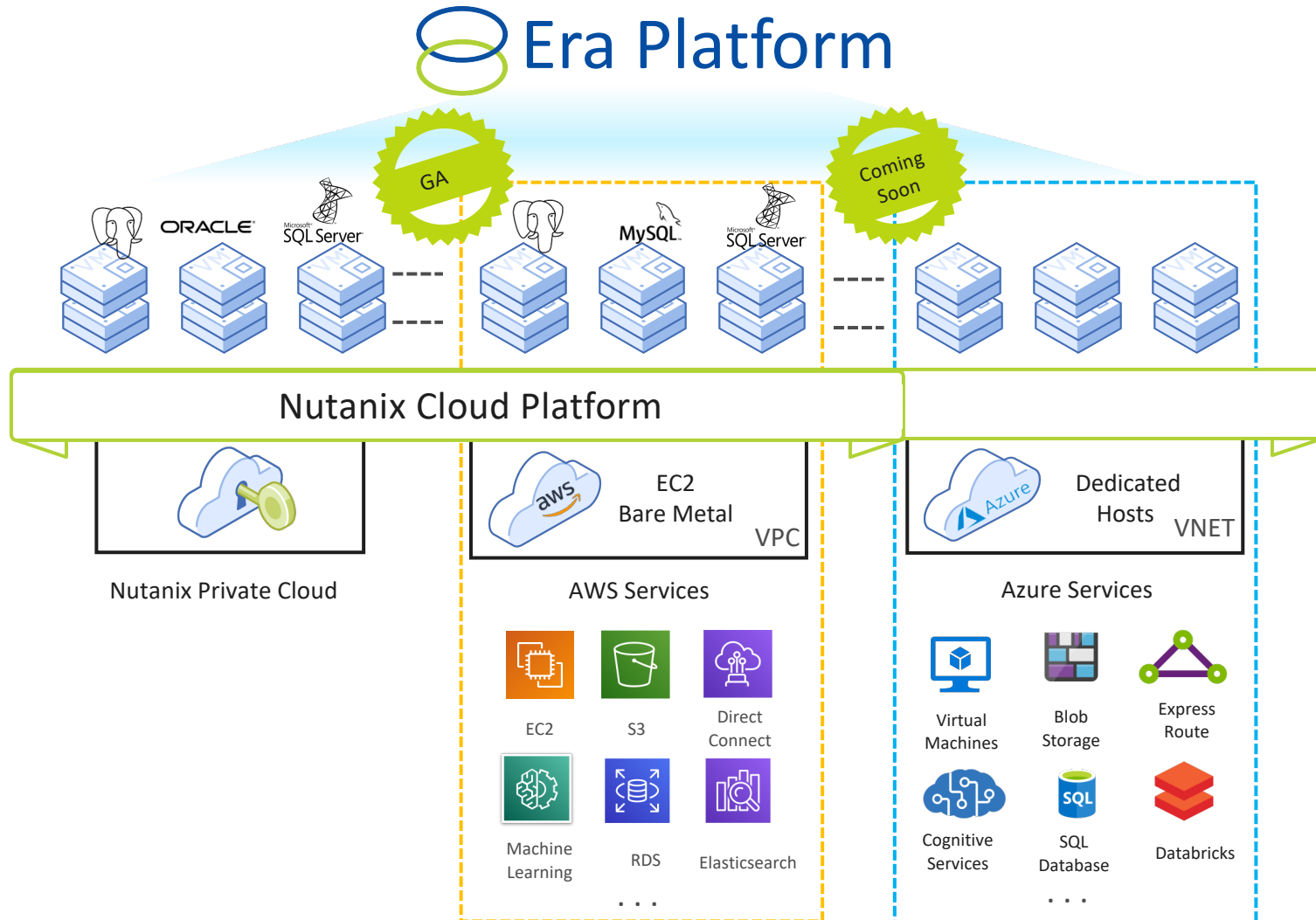
Public Cloud  
(Nutanix Clusters)

Hybrid Cloud DBaaS



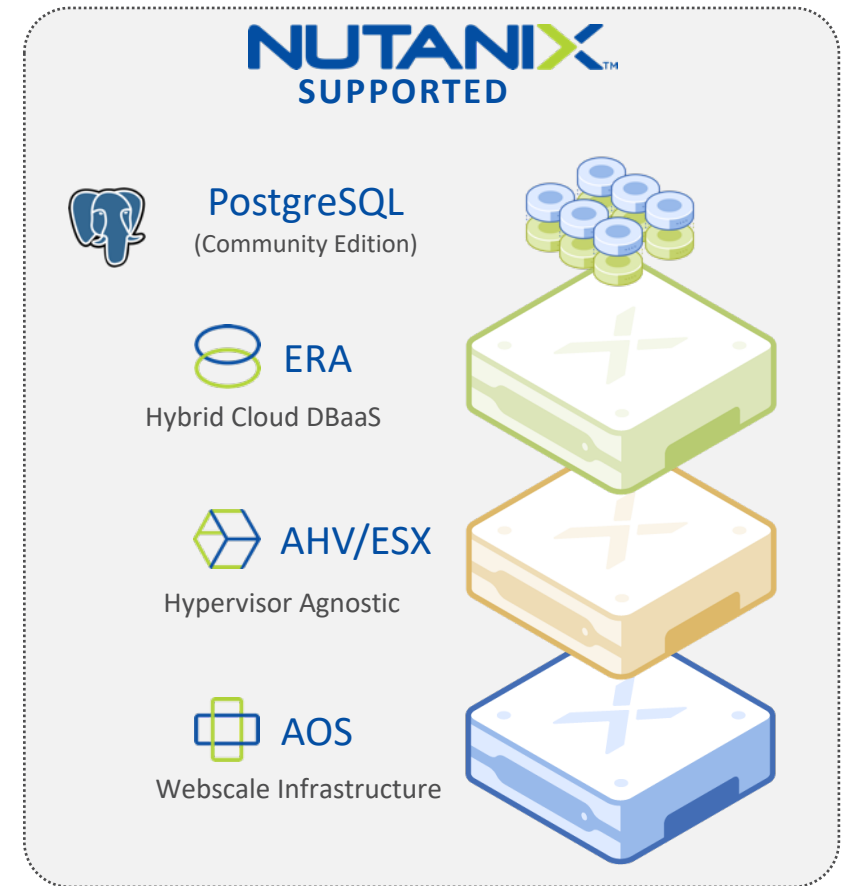


# Seamless Database management and mobility



# Nutanix PostgreSQL

- **Support**
  - PostgreSQL support included on “Nutanix Era Platform” (no additional cost)
  - DBs must be managed by Era
  - OS/PG versions must be on the Nutanix qualified support list
  - Postgres extensions supported with best effort
- **Goals**
  - **Availability goals on Postgres/HA : > 99.99%**
  - **Restore rate after logical corruption : 30 minutes**
  - **Unplanned failure outage duration : 30 seconds**
  - **Planned maintenance outage duration : 10 seconds**



**NUTANIX**<sup>TM</sup>

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Industry's Leading  
Database Solution Today!**

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Thank you