



ORACLE



Optimiza tu Base de Datos con Infraestructura Oracle

Efrén Hernández
Business Manager
efren.hernandez@oracle.com

Safe harbor statement

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The development, release, timing, and pricing of any features or functionality described for Oracle's products may change and remains at the sole discretion of Oracle Corporation.



Agenda

- ✓ Contexto Actual
- ✓ Oportunidades en Tiempos de Covid
- ✓ Nube Privada o Nube Pública?
- ✓ Infraestructura Convergente

Contexto Actual

8:30 a.m. ET, March 15, 2020

Magical Realism in times of Covid-19? Nicaragua fights virus fears with massive public rallies

From CNN Español's Daniel Silva in Miami and CNN's Radina Gigova in Atlanta



Mexican president ignores coronavirus restrictions to greet El Chapo's mother

Andrés Manuel López Obrador

Andrés Manuel López Obrador provokes perplexity and scorn with visit to drug lord's home town in Sinaloa

- Coronavirus - latest US updates
- Coronavirus - latest global updates
- See all our coronavirus coverage



CNBC

MARKETS BUSINESS INVESTING TECH POLITICS CNBC TV USA

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WORLD POLITICS

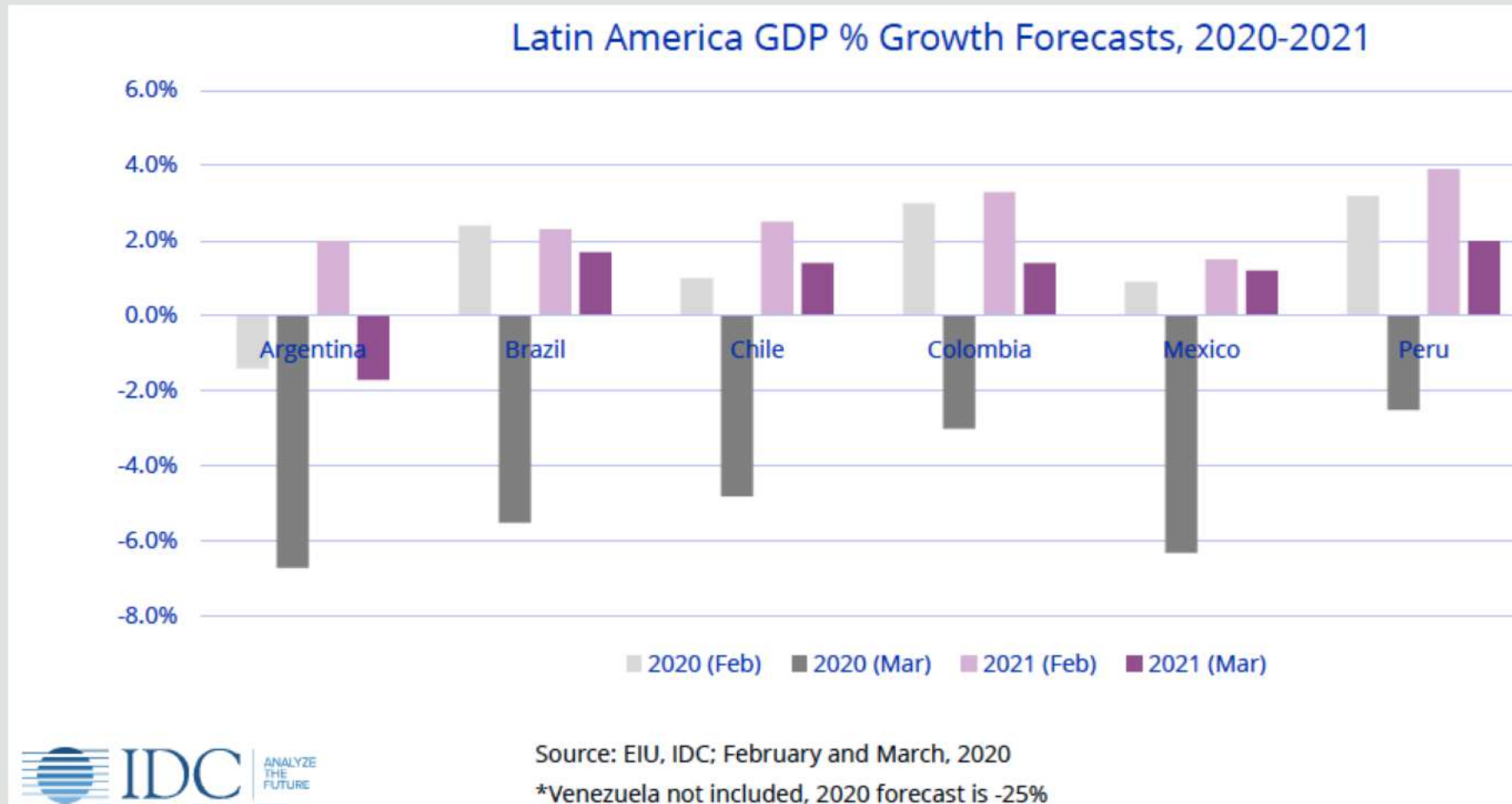
Could Bolsonaro be impeached? Brazil's leader under intensifying pressure over coronavirus denial

PUBLISHED FRI, APR 3 2020 9:08 AM EDT / UPDATED 20 MIN AGO

Sam Manólis [@SAMNOTW](#)

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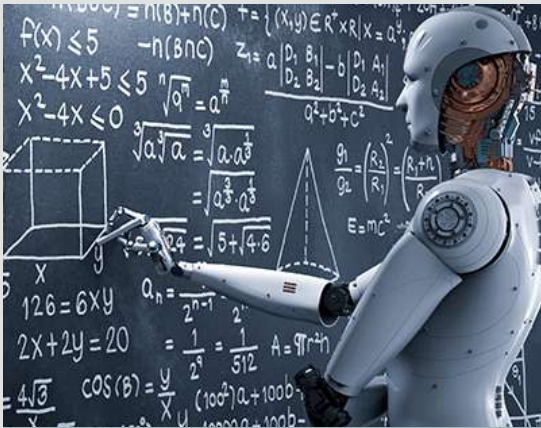
Contexto Actual



Contexto Actual



Oportunidades



AI / ML



IoT Apps



Big Data



Cloud



- Datos / Bases de datos son centrales
 - Roles de TI cobran mayor importancia
 - Cargas de trabajo mayores y mas complejas
 - Tecnología Legacy de mucha utilización
 - Necesidad de Innovar
-

Bases de Datos: De los servicios TI más críticos

- Sostiene los bienes mas importantes de la organización
- Fundamentales para las aplicaciones mission críticas
- Representan gran parte de la inversion de TI
- Beneficia de despliegues optimizados



La nube

¿Mudarnos? ¿O no mudarnos?

La nube: ¿A qué nos enfrentamos?

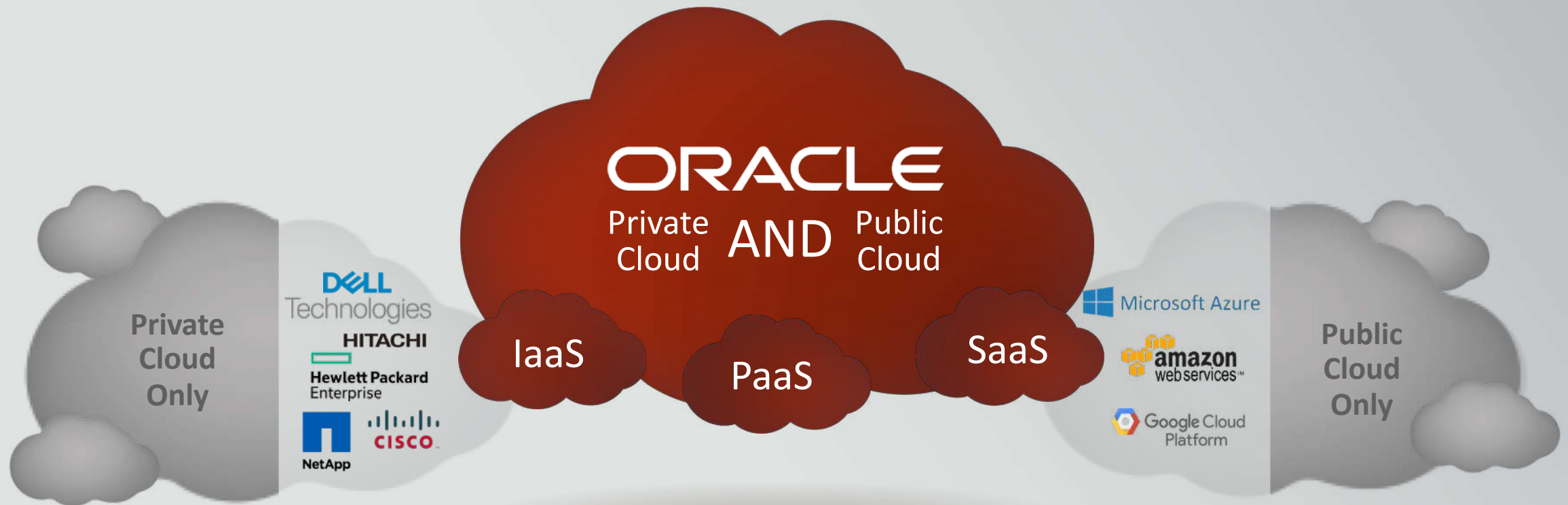
On-Premise



Public Cloud



La única oferta de nube híbrida de la industria



On-Premises and Cloud Are Reality - Only Oracle Can Do This

Opciones de despliegue típicas

Constrúyala usted mismo

- Muchas opciones, personalizable
- Múltiples fabricantes
- Sin gestión unificada
- Sin soporte punta-a-punta
- No preparado para la nube



No Optimizados para la Base de Datos

Conver/Hyperconvergencia

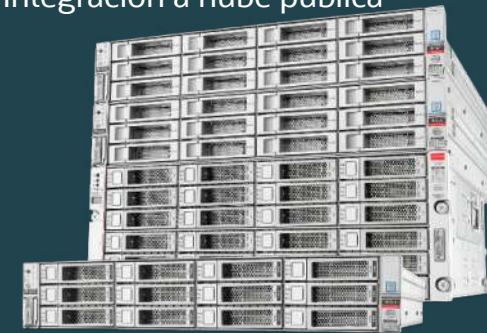
- Consolida carga genérica
- Integración hasta virtualización
- Múltiples fabricantes
- No preparado para la nube



No Optimizados para la Base de Datos

Sistemas de Ingeniería

- Integración total entre SW & HW
- Hardware construido en co-ingeniería con propósito para simplicidad
- Único proveedor
- Integración a nube pública



Optimizados para la Base de Datos

Oracle Red Stack

Hardware & Software Engineered to Work Together

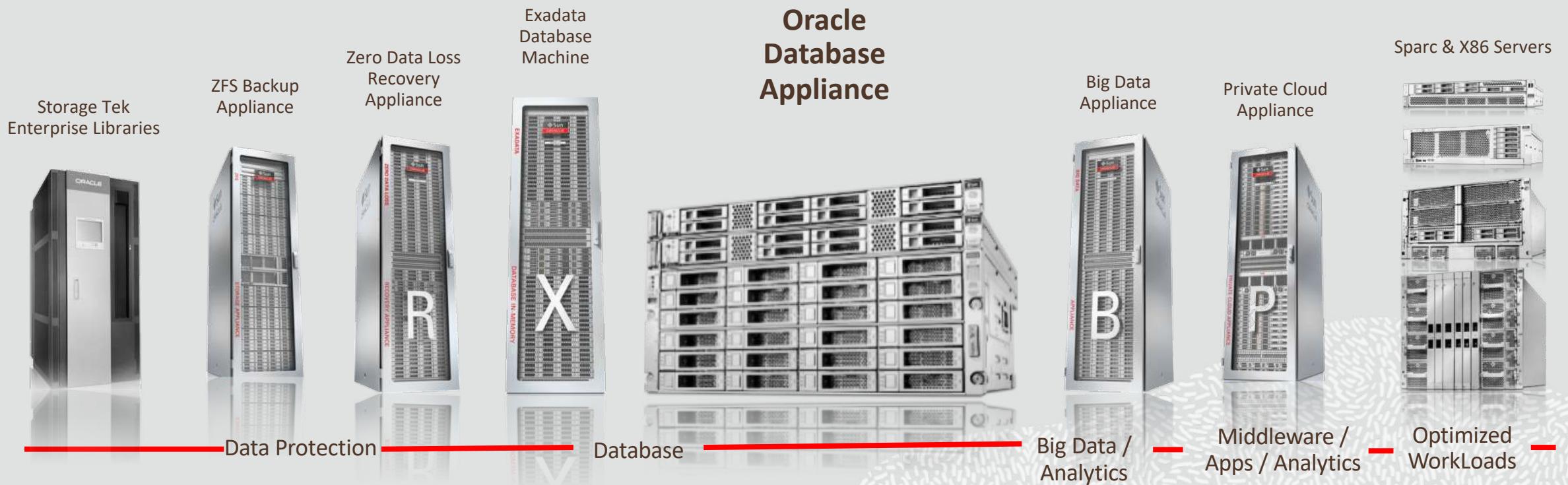
One Engineering Team



VS



Oracle Converged Infrastructure



Oracle Database Appliance: Simple

- Configuraciones estandarizadas y probadas
- Rápida instalación e implementación
- Parcheo automatizado de todas las capas
- Soporte simplificado
- Fácil transición a la nube
- Mismas habilidades y estándares on-premises y en Oracle Cloud



Consola de Administración

Automatiza tareas mas comunes de administración.

- Tareas pueden programarse usando un Browser UI o por odacli

The screenshot displays the Oracle Database Appliance Administration Console. The top navigation bar includes the Oracle logo, 'Database Appliance', and an 'About' dropdown. Below this, a secondary navigation bar shows 'Appliance', 'Database' (selected), 'Object Store', 'Monitoring', and 'Activity'. On the left, a sidebar lists 'Database' (selected), 'Backup Policy' (highlighted), 'Database Home', and 'Patch'. The main content area is titled 'Create Backup Policy' and contains the following fields:

- Backup Policy Name ***: Text input with 'DiskBackup' entered.
- Backup Destination**: Dropdown menu with 'Internal FRA' selected.
- Object Store Credential Name**: Dropdown menu (empty).
- Container Name**: Text input (empty).
- External FRA Mount Point**: Text input (empty).
- Recovery Window (days) ***: Spin box with '1' entered.
- Enable Crosscheck**: Checkable option, currently checked. Below it, a note states: 'Select Enable Crosscheck to determine if files on disk or in the media management catalog correspond to data in the RMAN repository.'

At the bottom right of the form are two buttons: '< Cancel' and 'Create >'.

Optimized

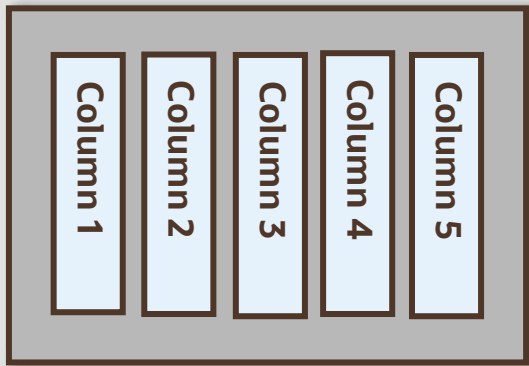
- Optimized to run Oracle Database
- Tight integration of all Oracle hardware, firmware, OS, database, and applications
- One vendor solution with less complexity
- Built-in security
- One call for all support



Compresión Columnar

Reduce Significativamente los requerimientos de Storage y ventanas de Respaldo.

Compression Unit



**10x to 15x
Reduction**



Optimized for Performance

Query Compression

- 10x average storage savings
- 10x reduction in scan IO
- For query-mostly data

Optimized for Storage

Archive Compression

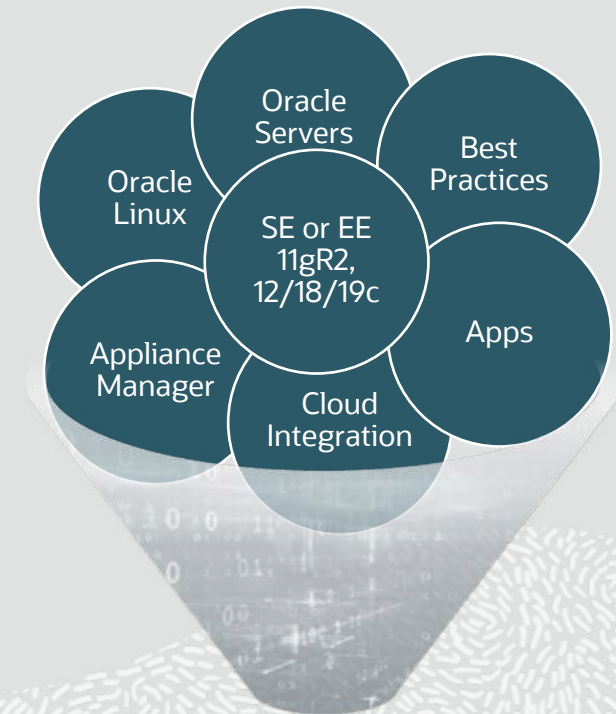
- 15x average storage savings
 - Up to 50x on some data
- For cold or historical data

Compressed data will require less time to backup and restore because payloads over the data interconnects will be smaller and require less time to transfer to and from the server.

Oracle Database Appliance: Maximizar recursos de Tecnología ya Adquiridos

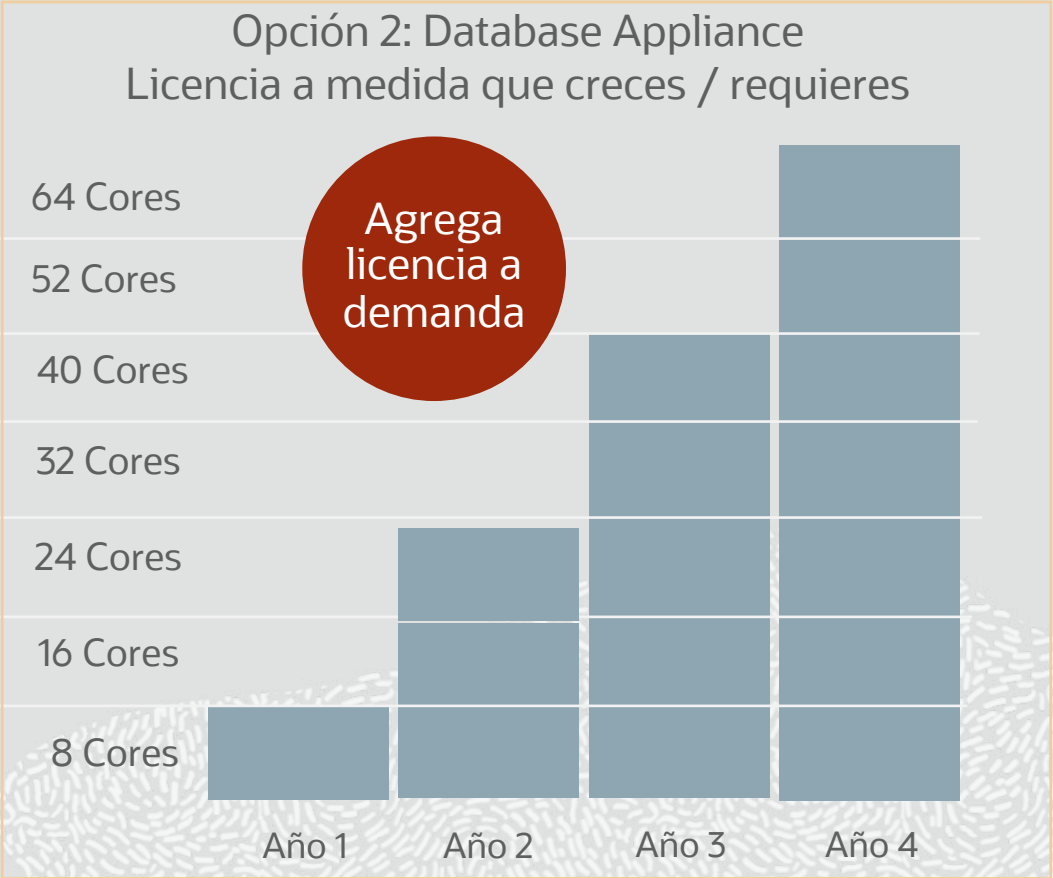
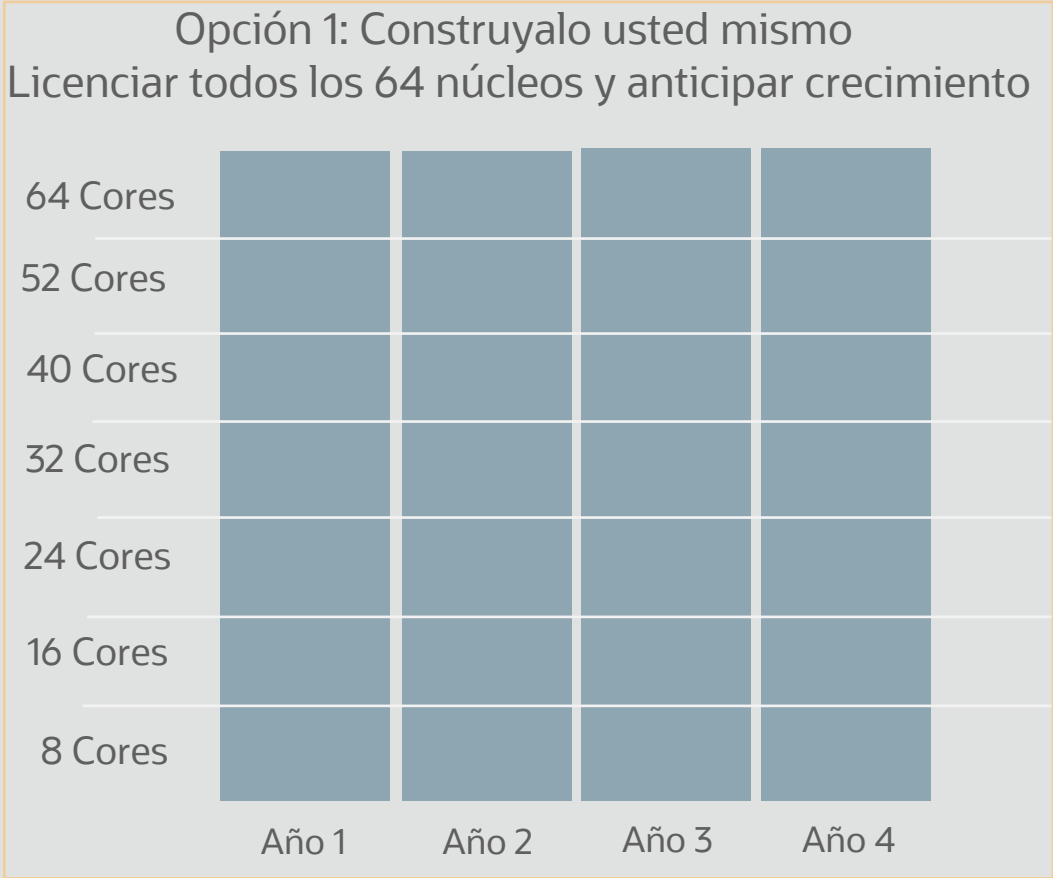
- Manejar todas las licencias desde un appliance
- Mejores prácticas aceleran el tiempo a producción
- Mayor eficiencia y menores costos para mayor ROI

Solution-in-a-box



ORACLE®
Database Appliance

Gestión de Licencias de Oracle por Demanda



Rendimiento y Simplicidad a través de la integración

Construyalo usted mismo

5 Piezas separadas

Servidor, almacenamiento, redes,
bases de datos, consultores



7 personas / habilidades
para HA

DBA, admin redes,
admin almacenamiento, admin sistemas,
experticie en instalación,
expertise HA, habilidades de optimización



16 + parches
por año



~ 863 horas

3 años para desplegar,
mantenimiento, soporte



Oracle Database Appliance



1 componente
Instalación Automatizada



1 DBA



4 parches
por año



~ 36 horas

Business Value Highlights

498%
five-year ROI

54%
lower five-year cost
of operations

67%
faster deployment of
new databases

Less than
1 minute
of unplanned downtime
per user per year

61%
more efficient DBA teams

20%
lower cost of infrastructure

IDC customer business value analysis of Oracle Database Appliance

“The result for this sample of Oracle customers is **strong value** relative to investment costs in Oracle Database Appliance, which IDC projects will lead to an average five-year ROI of **498%**.”

Customer Comments:

Speed: “It’s about seven times faster. Our load time for a full database load has gone from around 40 hours to 4 hours.”

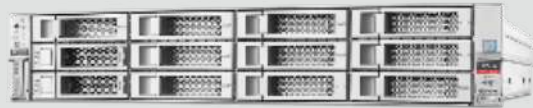
Value: “We have 90 servers with Oracle Database Appliance, but **if we used traditional servers**, we’d need maybe around 120... **we would be paying probably about 30% more in licensing, about \$1 million more per year.**”

Familia Oracle Database Appliance X8

Mayor

Rendimiento

Soporte amplio rango de cargas de trabajo y requerimientos de disponibilidad



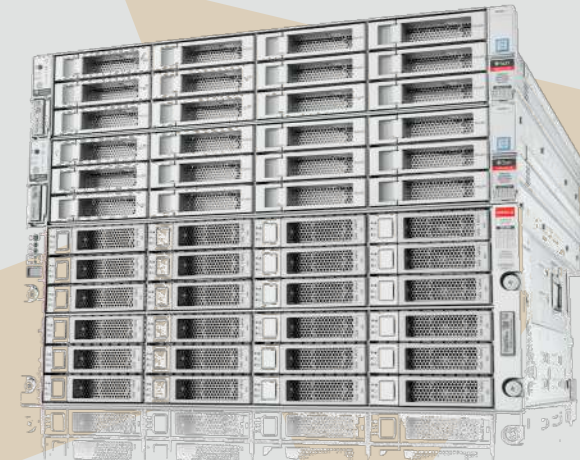
Oracle Database Appliance X8-2S

- Single-instance
- 16 cores
- 192 GB memory, expandable to 384 GB
- Up to 3x public network cards
- 12.8 TB data storage (raw)



Oracle Database Appliance X8-2M

- Single-instance
- 32 cores
- 384 GB memory, expandable to 768 GB
- Up to 3x public network cards
- 12.8 TB data storage, expandable up to 76.8 TB (raw)



Oracle Database Appliance X8-2-HA

- Single-instance and RAC
- 64 cores
- 768 GB memory, expandable to 1.5 TB
- Up to 3x public network cards per server
- 46 TB SSD data storage, expandable up to 369 TB SSD or up to 92 TB SSD / 504 TB HDD (raw)

Capacidad

Mayor

Oracle Database Appliance

La solución mas simple, rentable y optimizada para la base de datos Oracle y aplicaciones

- Cuesta menos que construirlo usted mismo
- Facil y sencillo de instalar
- Seguro a traves de todas las capas
- Reduce riesgo e incertidumbre



Oracle Database Appliance – proven and tested

1,000+
Customers



100s
of Qualified
ISVs

ORACLE®
Database Appliance
Ready

ORACLE®
Database Appliance
Optimized

ORACLE



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