Oracle Licensing, Optimization & Cloud Strategy Report

Client: CLIENT NAME | **Analysis Date:** December 9, 2025 | **Generated by:** **NEO**

OPTIMIZATION POTENTIAL

28 Lic

Surplus Opportunity

Consolidating to OCI could create a surplus of 28 Processor Licenses (Value ~$1.3M) via BYOL efficiency.

LEGACY ANCHOR

9i R2

Cloud Blocker

Databases on version 9i are incompatible with modern cloud OS layers. Cannot "Lift & Shift".

INFRASTRUCTURE RISK

Cluster?

Soft Partitioning

Licensing is set to Physical Host (40 Procs). If nodes roam in a larger cluster, liability expands significantly.

DOWNGRADE TARGET

7 DBs

EE to SE2

7 Enterprise Databases identified with Zero Option usage. Candidates for Standard Edition 2.

1. GROSS LICENSE POSITION

⚠️ **Note:** The figures below represent **Gross Consumption** (Total Usage × List Price). This does not account for Entitlements (Licenses Owned). If the client owns sufficient licenses, this figure represents "Value Deployed" rather than financial risk.

PRODUCT	PRODUCT TYPE	GROSS LIABILITY	SOFT LIABILITY	TOTAL EXPOSURE
Database Enterprise Edition	Database	**$1,900,000.00**	$0.00	$1,900,000.00
Partitioning	Option	**$345,000.00**	$0.00	$345,000.00
Advanced Compression	Option	**$115,000.00**	$0.00	$115,000.00
Diagnostics Pack	Management Pack	$0.00	**$150,000.00**	$150,000.00
	TOTALS	**$2,360,000.00**	**$225,000.00**	**$2,585,000.00**

2. STRATEGIC OPTIMIZATION & COST REDUCTION

A. THE "EDITION DOWNGRADE" OPPORTUNITY

The audit evidence shows multiple databases running **Enterprise Edition (EE)** with **Zero Options Usage**. These are prime candidates to be downgraded to **Standard Edition 2 (SE2)** to save ~80% on support costs.

HOST (OBFUSCATED)	DATABASE	CURRENT EDITION	OPTIONS USED?	OPTIMIZATION TARGET
Host-Cluster-A	DB-WF-DEV	Enterprise	None	SE2 CANDIDATE
Host-Cluster-A	DB-GW-INT	Enterprise	None	SE2 CANDIDATE
Host-Cluster-B	DB-WF-PROD	Enterprise	None	SE2 CANDIDATE
Host-Cluster-C	DB-APP-01	Enterprise	None	SE2 CANDIDATE

B. OCI MIGRATION: THE "CONSOLIDATION PLAY"

You are currently licensing **40 Processors** on-premise (4 Servers x 20 Cores x 0.5 Core Factor). The "Move & Improve" strategy using **OCI Base Database Service** offers a massive license reduction.

> **Step A: License Entitlement Mapping**
> Current Asset: 40 Processor Licenses of Enterprise Edition.
> OCI BYOL Ratio: 1 Processor License = 2 OCPUs. Total Capacity: 80 OCPUs.

> **Step B: Target Architecture**
> Deploy 2 x OCI Base Database Systems (12 OCPUs each, AMD EPYC shape).
> Licensing Consumption: 24 OCPUs = 12 Processor Licenses required.

> **Step C: Handling "Pack" Liability**
> **OCI Solution:** "Enterprise Extreme Performance" edition includes Diagnostics and Tuning packs. You do not need to bring licenses for these. (Partitioning/Adv Compression still required via BYOL).

💰 **Executive Summary of the Move:**

1. Decommission *Cluster-A, Cluster-B, Cluster-C, Cluster-D*.
2. Archive/Rewrite the 9i databases (Incompatible with PaaS).
3. Deploy 2 x OCI Database Systems (12 OCPUs each).

Result: Usage drops from 40 Licenses (On-Prem) to 12 Licenses (OCI).
Outcome: Surplus of 28 Licenses (Asset Value ~$1.3M) to shelf or trade-in.

3. MODERNIZATION & LEGACY RISK

A. THE "LEGACY TRAP" (9I ANCHOR)

Databases `DB-LEO-01`, `DB-DOC-01`, and `DB-GEN-01` are running **Version 9.2.0.8.0**.

> **Cloud Blocker:** You cannot "Lift and Shift" these to OCI. 9i is incompatible with modern cloud OS layers. These represent a "Technical Debt Anchor" preventing you from decommissioning the physical hardware.

B. THE "SPATIAL BONUS" (19C UPGRADE)

You are paying for "Spatial and Graph" on `DB-PLAN-01` and `DB-PLAN-02` (11g). In **Oracle 19c**, Spatial and Graph is included in the base Enterprise Edition license for free.

Action: Upgrade these instances to 19c immediately. You stop consuming a paid option metric, and you move to a supported version.

4. GOVERNANCE & CLEANUP ACTIONS

Cleaning up these specific items eliminates the $225k Soft Liability and proves "System Usage" for false positives.

DATABASE (OBFUSCATED)	FEATURE	DETECTION REASON	ACTION
DB-DEV-01, DB-TST-01	Tuning (SQL Mon)	Bug 23734270	**System Usage:** Cite Oracle Support Bug 23734270 (Auto-generation of reports) to waive liability.
DB-CLONE-01	Diagnostics (ADDM)	Historical	Last usage date: 2022. Confirm usage has ceased and does not require current licensing.
DB-HIST-01	Partitioning	Historical	Found in history. Export/Import data to non-partitioned tables to clean evidence.
target-prod.internal	Lifecycle Mgmt Pack	Agreed in OEM	**Shelfware:** Uncheck "Agreed" status in OEM immediately.

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