

ODSEE to OUD Upgrade

Premier support for Oracle Directory Server Enterprise Edition 11g has ended and ODSEE customers must now pay additional fees for Extended Support which ends December 2022. However, these clients could easily upgrade to Oracle Unified Directory (OUD), reduce support costs and receive an improved Directory. OCS is here to help with this transition.

ORACLE UNIFIED DIRECTORY: THE ALL-IN-ONE DIRECTORY SOLUTION FOR YOUR ENTERPRISE

Oracle Unified Directory is an all-in-one directory solution with storage, proxy, synchronization and virtualization capabilities. While unifying the approach, it provides all the services required for high-performance Enterprise and carrier-grade environments. Oracle Unified Directory ensures scalability to billions of entries, ease of installation, elastic deployments, enterprise manageability and effective monitoring. Oracle Unified Directory is part of Oracle Directory Services Plus which provides comprehensive Directory Solutions for robust identity management deployments.

With OUD capabilities, it becomes logical for Oracle Directory Server Enterprise Edition (ODSEE) deployments to transition to OUD in a seamless, gradual approach. And Oracle Consulting can help you seamlessly transition your existing ODSEE environment to OUD.

KEY DELIVERABLES

This service offering provides three options to prove-out the efficacy of an ODSEE to OUD upgrade, without a large commitment on your part, corresponding to your needs sized to Small, Medium and Large.

- All options offer installation of OUD into a non-production environment to demonstrate ease of upgrade.
- Medium offers migration of data from ODSEE to OUD.
- Large offers migration to a highly available architecture.
- Also offered:
 - Workshop reviewing the configuration steps and methods;
 - Engagement summary report summarizing observations, documenting the project achievements including the findings and recommendations for next steps.

OUD Advantages over ODSEE

- *All-in-one: Storage, proxy, synchronization and virtualization capabilities*
- *Better performance!*
- *Simplified tuning!*
- *New REST and SCIM front ends*
- *New simplified setup and replication*
- *Many extensions beyond LDAP v3*
- *Optimized memory usage and autotuning for simplified deployments*
- *Advanced, efficient replication model*
- *New fine grain and verbose replication status*
- *New interactive and non-interactive CLI*
- *New batch configuration*
- *New Web Admin (OUDSM)*
- *New virtualization with over 10 new virtualization plugins from OVD*
- *New forensic logging (ECID) and audit masking*
- *New TLSv1.2 and password hashes.*

ALSO AVAILABLE: ARCHITECT TRANSITION STRATEGIES

For enterprise-class upgrades, we will also explore with you the three basic options to transition you from ODSEE. There are three high-level transition strategies from ODSEE topology to OUD. The transition strategy depends upon the size of the deployment, criticality of the dependent client applications, data consistency, data adaptation, structural change in data and high availability etc. OCS will review your requirements with you to recommend a strategy tailored to your needs and design a transition plan that will not disrupt your enterprise applications.

TRANSITION STRATEGY OPTIONS

Coexistence Via Replication Gateway – Ideal for most deployments, this strategy is highly recommended for topologies requiring high data consistency, high performance and high availability. This strategy keeps ODSEE and OUD replicated without interrupting service through Replication Gateway. By default, Replication Gateway provides bi-directional replication capabilities with ODSEE, ensuring a smooth transition of application from ODSEE to OUD that can happen gradually, over time. Replication Gateway can also replicate changes "one-way" to only to OUD, which allows to test applications with OUD without affecting the ODSEE topology

Coexistence Using Directory Integration Platform (DIP) – Ideal for medium and large deployments with applications seeking a new data structure. This strategy synchronizes ODSEE and OUD, and then uses their changelogs to detect and replay changes between the two topologies.

One-time Transition Strategy – Ideal for small deployments where short interruptions or outages are acceptable for applications. In this strategy, User data and configurations are exported from ODSEE, adapted as needed, and imported into OUD.

HOW WE ARE DIFFERENT

The Oracle Consulting team is focused exclusively on Oracle Technologies, and we have the experts that others turn to for leading practices in Oracle hardware and software implementations. We know how critical it is for any business to best optimize your investment in Oracle products and can provide your business with tightly-integrated, comprehensive, superior services throughout your Oracle Technology experience.

Other OUD Features

- All-in-one next-generation Java-based directory service
- Easy to deploy, manage and monitor
- Elastic service to scale as you grow
- High performance to authenticate billions of users
- Native supported integration with Oracle products
- Proxy and data distribution with global index for very large deployments
- Highly available and secure directory service
- Compatible with ODSEE for easy transitioning and upgrades
- Compliant to latest Security Standards
- Deployable as stand-alone service or integrated with Fusion Middleware and Fusion Applications
- Easily embeddable in applications or equipment
- Adherence to standards provides simpler application integration
- Deployment choices include on-prem and in the Cloud
- Enables new mobile applications such as social networking and location-based applications with high write volumes
- In conjunction with Oracle Enterprise, User Security, centrally manage Oracle database users

Key Business Benefits of this Offering

- Avoid extra Extended Support fees.
- Upgrade before Extended Support Ends.
- Accelerate your project and reduce risk through leading practices, proven methodology and tools.
- Knowledge sharing with your IT team.
- Engagement summary report summarizing observations, sample reports, security policies based on specific audit/security requirements, recommendations, and next steps.

GETTING STARTED

Leverage Oracle's methods, tools, and extensive experience with customer implementations across diverse industries and geographies. Tight integration across Consulting, Development, Support, Education, and Global Delivery puts the entire Oracle team behind your success. To learn more, contact your local Oracle Consulting representative, or visit www.oracle.com/consulting.

T-SHIRT SIZING

#	Use Cases	Key Project Tasks	Key Project Assumptions
1	Intro to Migration Introductory discussion outlining basic approach to upgrading from ODSEE to OUD (Small)	<ul style="list-style-type: none"> Confirm approach to upgrade ODSEE to OUD in a single environment Install and configure a single OUD server Walk-through explanation of activities with client 	<ul style="list-style-type: none"> One (1) non-prod environment X-Windows system should be configured to start installation in GUI mode
2	POC Migration —Proof of concept demonstrating basic approach to upgrading from ODSEE to OUD (Medium)	A, plus... <ul style="list-style-type: none"> Migrate data from one ODSEE instance to OUD Document migration process 	#1, plus... <ul style="list-style-type: none"> Pre-existing ODSEE instance, populated with data Effort for migration is estimated only for ODSEE having simple data types
3	HA Migration POC migration with high availability configuration (Large)	2b, plus... <ul style="list-style-type: none"> Install and configure two (2) more OUD servers Migrate data from up to two (2) more ODSEE servers Setup Multi-master Replication 	#2, plus... <ul style="list-style-type: none"> Performance tuning is not included in the estimate

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Related Services from OCS

- *IDCS integration with EBS.*
- *IDCS integration with Active Directory.*
- *IDCS Integration with OCI Cloud Services.*

Why Oracle Consulting

- *Leading Expertise:* Oracle's experts providing thought leadership for every Oracle solution.
- *Broad Coverage:* "End-to-end" lifecycle services across the entire Oracle product footprint.
- *Global Scale:* 13,000 Oracle experts in 145 countries, serving over 20 million users.
- *Unified Methodology:* Based on industry standards, high-quality results across complex projects.
- *Flexible Delivery:* Onsite, offsite, and offshore, along with innovative solutions such as Expert Services and Architecture Services.