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Oracle Cloud Enterprise Data Management (EDM)

Introduction

Managing constant change—whether M&A, reorganizations, or digital transformation—is critical in today's fast-paced environment. Oracle Cloud Enterprise Data Management (EDM) empowers organizations to model, validate, and deploy business and financial transformations with agility and precision, instilling confidence in the accuracy of their data. From harmonizing application data such as chart of accounts mastering to governing master data across business domains, Oracle EDM ensures data integrity and alignment across your enterprise from a single self-service platform.

Enterprise data defined

Enterprise data classifies both transactional and analytic data, and often includes application-specific metadata, alternative business perspectives, corporate dimensions, mappings, reference data and master data assets. Examples of enterprise data are chart of accounts, organization or cost center structures, legal entity and ownership hierarchies, market segments, product categories, and more.

A modern, flexible data rationalization approach

Oracle Cloud EDM offers a modern alternative to traditional data management solutions. It moves beyond rigid, one-size-fits-all approaches to empower business users with a unified, self-service experience. Now, users can confidently manage their data across interconnected applications through a single, user-friendly interface, placing them firmly in control of their data management journey.

Created with flexibility at its core, Oracle EDM fosters a collaborative environment where teams can create tailored business views and seamlessly manage changes across systems without waiting on IT. Unlike conventional master data management (MDM) programs, which often demand extensive cross-functional efforts from the outset, Oracle EDM enables a more agile, peer-to-peer approach. Teams can effortlessly share vital data structures, such as dimensions, with one another, encouraging early collaboration and enabling quick wins, making team members a part of this process.

As your organization grow and evolves, these initiatives can scale organically—from focused department-level views to overarching enterprise-wide governance—ultimately culminating in a centralized "master of masters." This adaptive approach streamlines data alignment across business units without the prohibitive costs or risks typically associated with traditional MDM implementations, empowering your organization to thrive in a rapidly changing landscape.

Key features

- Application and Master Perspectives
- Simplified, Rich User Interface
- Request-driven Recorded Actions
- Change Visualization
- Hierarchy Management
- Compare and Rationalize
- Change Audit
- Packaged Cloud App Integration
- Complex Data Types

Request-Driven Change Management with Built-In Visualization

Oracle EDM streamlines change management by using a request-based approach. All updates occur within a secure, traceable request, ensuring control and accountability. As users make changes, they can instantly see how modifications will affect the data structure, making it easier to understand and review before committing.
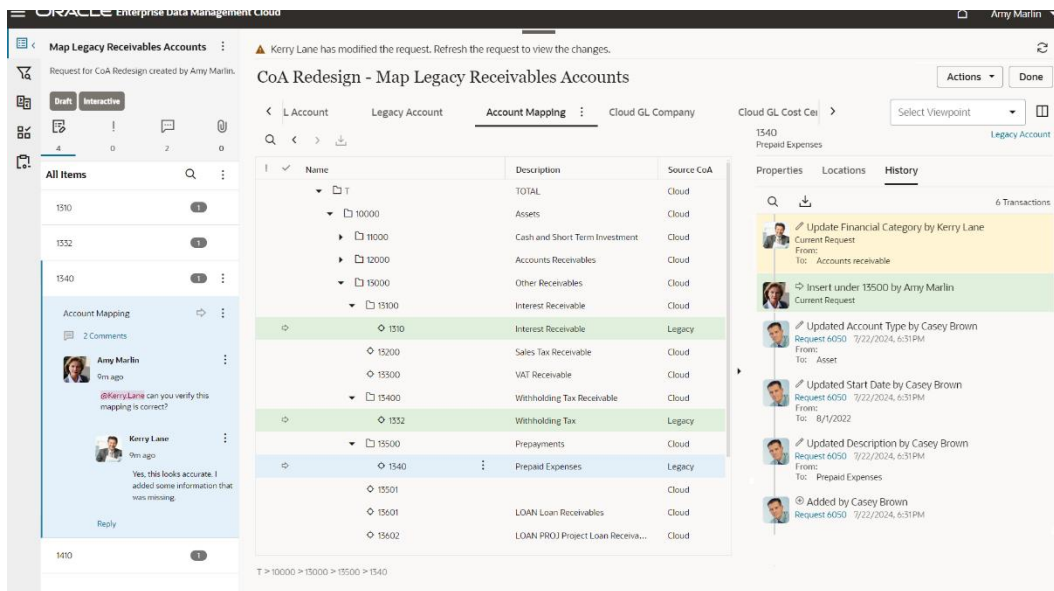
Figure 1. Request Authoring Experience in Oracle Cloud Enterprise Data Management

The system features built-in validations and system checks that identify any issues in real time. Users receive guidance to correct errors, along with suggestions for valid values. Changes can be easily reversed or approved. Once committed, every detail—who made the change, when it was made, and what was changed—is documented for complete audit transparency and compliance.

Automated Change Orchestration Across Applications

Oracle EDM simplifies the process of sharing and applying changes across systems. Instead of relying on complex policies or manual coordination, EDM uses request subscriptions to propagate changes from one application to another automatically.

Oracle EDM is designed for efficiency in aligning data across applications. When a change is made and approved in a source application, subscribed users receive notifications and are presented with a ready-to-review version of that change within their specific business context. They can then choose to accept, enhance, or discard the change as needed. This flexible, incremental approach helps ensure data consistency and alignment, without causing delays in team operations.

Smart, Collaborative Governance Workflows

Oracle EDM simplifies data governance through intelligent, role-aware workflows. Rather than relying on rigid, predefined process flows, EDM employs an inference engine to automatically identify and engage the right stakeholders based on the context of a change request, user roles, and approval policies. This approach ensures that the appropriate individuals are involved—no more, no less—at each stage of the process.

Collaboration is integrated into Oracle EDM. Users can discuss changes directly within the platform through conversation threads at both the item and request levels. Supporting documents and data files can be attached to provide context or justification, with annotations indicating what was loaded, skipped, or ignored. Every change is fully traceable, featuring a detailed audit trail that captures who made each change, when it occurred, and where it was made. This transparency in the audit trail provides a sense of security about compliance and enhances governance effectiveness.

One Truth, Many Sources: Integrate Match & Merge in Your Workflow

Oracle EDM helps organizations manage master data across various domains with its powerful matching and merging capabilities. Its customizable match rules ensure accurate identity resolution and enhance data stewardship. The user-friendly workbench enables data stewards to review duplicates and create a single, trusted version of each record. By rationalizing nodes, relationships, and properties, EDM delivers clean, conflict-free

master datasets. When integrated into workflows, it enhances data quality and governance, accelerating enterprise-wide decision-making.

Application Adapters: Packaged Integrations & Open Interfaces

EDM Cloud provides application adapters for seamless connections with business systems, available in two types:

- **Tailored adapters:** Packaged integrations for Oracle Fusion Cloud applications, like EPM and ERP.
- **Custom adapters:** Integration with any system, whether cloud or on-premises, including both Oracle and non-Oracle.

These adapters understand application context, metadata, and validations. Administrators can use wizards to configure connections, import metadata, and create application-specific views for managing and synchronizing data. "Viewpoints" offer quick access to dimensions such as accounts, products, and cost centers. REST APIs and flat file interfaces support real-time and batch integrations.

Tools of the Trade: Request, Validate, Compare

Oracle EDM focuses on data quality in every change process. Users can easily create change requests by either filling out forms or uploading files. The validation tools help spot duplicates and enforce rules automatically.

The comparison tools and node type converters are designed for adaptability and support a wide range of tasks. Data stewards can find differences in records and rationalize them by dragging and dropping. Node type converters help transform data automatically, ensuring consistency across applications. These tools are essential for meeting analytics standards, harmonizing data across applications, and managing data mapping.

Downstream Consumption: Share and Synchronize with Confidence

Enterprise data can be consumed in multiple ways:

- Viewpoints can be browsed in read-only mode or exported to Excel for offline collaboration.
- Changes can be uploaded for mass updates or shared across viewpoints to support planning and reporting.
- Dimensions and mappings can be exported manually or automatically using EPM Automate.
- Auditors can access data in read-only mode to review and track changes.

In short, Oracle EDM streamlines data sharing, synchronization, and auditing across the enterprise.

Why Oracle EDM?

To stay ahead of business change, organizations need to:

- Align structures across systems while preserving application context
- Support M&A, reorganizations, and digital transformations
- Reduce risk through centralized governance
- Accelerate cloud adoption and support hybrid IT

Oracle Enterprise Data Management Cloud offers a unified platform for modeling, governing, and sharing enterprise data, enabling faster transformation and change management with greater confidence.

Related products

- Oracle Fusion Cloud EPM
- Oracle Fusion Cloud ERP
- Oracle Fusion Cloud SCM
- Oracle Fusion Cloud HCM
- Oracle Fusion Cloud CX

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