

ORACLE VIRTUAL DIRECTORY 11g

KEY FEATURES AND BENEFITS

"THE INDUSTRY'S MOST FLEXIBLE VIRTUAL IDENTITY SERVICE."

FEATURES

- Single interface for identity
- Unify identity data without consolidation
- Re-use identity data without copying
- Provide LDAP interface to database and Web services
- Oracle Applications Identity Publisher
- Unified directory services management
- Enterprise monitoring
- Application specific views
- LDAP proxy and firewall
- Standardized logging and auditing
- Powerful local storage option provided by Oracle Unified Directory

BENEFITS

- Rapid application deployments
- Reduce number of identity stores
- Centralized view to identity data for increased security and compliance controls
- Quick and high ROI

Oracle Virtual Directory, an identity virtualization service, unifies existing identity data without copying. It accelerates application deployment, simplifies identity infrastructure and delivers high ROI.

Enterprise Identity Challenges

Most enterprises have many user identity stores, such as internal employee Microsoft Active Directory, Customer LDAP, Partner LDAP, Human Resources (HR) database, CRM database, Divisional LDAPs, application specific user databases, etc. As a result there are several identity challenges enterprises are facing today:

- Difficulty in deploying new applications due to lack of a unified view of identities. Since new applications may not be able to leverage existing identity infrastructure, more application specific user stores are required which increase project cost, delay project schedule and further complicate the identity environment.
- High cost of administration and maintenance due to redundant identity administration effort and complex environment
- Difficult compliance and inconsistent security due to too many identity silos

New computing initiatives, such as mobile computing, cloud computing and social networking, brings new challenges. As the population with smartphones like iPhone explodes, and as the number of social networking users grow exponentially, it results in extremely large number of objects that are managed in LDAP directories, databases, and proprietary data sources. While directory consolidation appears to be an obvious answer to the challenges, in reality full consolidation is tedious and cumbersome due to regulatory, political and technical reasons. Provisioning solutions automate identity management and provide reports to facilitate compliance. However, to deploy provisioning for many target systems is costly and time consuming, and does not address application deployment challenges.

The Solution: Oracle Virtual Directory

Only Oracle Directory Services Plus provides a directory service solution that addresses above challenges. Oracle has the most comprehensive directory services offering on the market, including virtualization, storage and synchronization.

Oracle Virtual Directory (OVD) provides identity aggregation and transformation. It unifies identity data across heterogeneous data sources without consolidating, and re-uses identity data without copying.

Key features of OVD include:

- Single interface for identity no matter where the data resides. OVD allows organizations to present a unified view of this data without the need to consolidate the data into a single store. By virtually unifying identity data across data sources, OVD could serve applications as the single source of truth for identity data within the enterprise.
- LDAP interface for non-LDAP data including databases and Web Services. This enables LDAP applications to access identity data in PeopleSoft HR database, Siebel Universal Customer Master (UCM) database, mainframe, etc.
- Data Transformation and Application Specific Views. In addition to virtually unify underlying identity data, OVD can transform underlying data for applications. Furthermore, with application specific views, different applications accessing the same OVD can appear to be accessing a completely different data schema, structure, attribute name and values.
- Leverages Oracle Enterprise Manager to simplify the process of monitoring OVD performance and availability.
- Unified Web-based directory services management with a desktop like experience. Enhanced features including deployment accelerators to enable customers to quickly deploy OVD.
- When OVD is deployed together with Oracle Unified Directory (OUD), it provides a powerful local storage option to applications that need it.

The Benefits of Oracle Virtual Directory

Oracle Virtual Directory simplifies the environment and helps deliver the IT promise of compliance, cost reduction, and accelerated application deployment. Specifically, the benefits include:

- Reduced need for data synchronization and identity stores resulting in significantly simplified identity infrastructure
- Accelerated application deployment by eliminating problems around access to identity information
- Ease the pain of directory consolidations or directory data changes by abstracting applications from the source directories
- Quick and high return on investment (ROI) as OVD is easy to deploy and leverage existing identity stores

Example Oracle Virtual Directory Use Cases

Web Access Management, Portals and Microsoft SharePoint

Any application that uses LDAP for authentication and authorization including Oracle Access Management Suite and many portals (such as Microsoft SharePoint) benefit from Oracle Virtual Directory by simplifying access to a unified identity and by protecting applications from changes in the identity stores.

RELATED PRODUCTS AND SERVICES**RELATED PRODUCTS**

The following are related Oracle products:

- Oracle Internet Directory
- Oracle Access Management Suite
- Oracle Identity & Access Management Suite

RELATED SERVICES

The following services are available from Oracle Support Services:

- Update Subscription Services
- Product Support Services

Centralize Database Account and Role Management

Oracle Enterprise Database supports centralizing accounts and roles into an enterprise directory. The database can use OVD to allow this data to be stored into Microsoft Active Directory or Sun LDAP. This reduces the number of passwords that end-users need to remember and eliminate the need to provision accounts to individual databases.

Identity Publisher for Oracle Applications

Oracle applications including PeopleSoft and Siebel can benefit from an Oracle Virtual Directory feature that allows OVD to enable access to the application data without needing to copy the data to another external system. This feature is pre-integrated and tested with Oracle applications.

Conclusion

Oracle Directory Services Plus (ODSPlus) is a unique solution that provides complete storage, proxy, synchronization and virtualization capabilities. The Oracle Virtual Directory allows you to rapidly deploy directory-enabled applications by allowing you to unify your data without consolidation. And it also increases ROI of existing systems by allowing you to re-use your existing identity stores without copying.

Contact Us

For more information about Oracle Virtual Directory, please visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



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