

ORACLE VIRTUAL DIRECTORY

KEY FEATURES AND BENEFITS

- Single interface for identity
- Unify identity data without consolidation
- Re-use identity data without copying
- Provide LDAP interface to database and Web Services
- Provide Application Specific Views of Directory Information
- Directory Proxy & Firewall
- LDAP adapters for Active Directory, Oracle Internet Directory, Sun and Novell.
- Database adapters for Oracle, Lotus Notes and Microsoft SQL Server
- LDAP v3 Compliant
- DSML v2 Compliant
- Accelerate application deployment
- Reduce number of identity stores
- Quick and high ROI
- Improve security and compliance

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

Enterprise Identity Challenges

Most enterprises may have tens of user identity stores, such as internal employee 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:

- Difficult to deploy new applications due to lack of 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

While directory consolidation is an obvious answer to the challenges, full consolidation is not possible due to regulatory, political and technical reasons. Provisioning solutions automate identity management and provide reports to facilitate compliances. 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

The solution to these challenges is Oracle Virtual Directory (OVD). OVD is not LDAP storage but an identity virtualization service. It unifies identity 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 needing 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

ORACLE IDENTITY MANAGEMENT PRODUCTS

Oracle Access Manager delivers critical functionality for access control, single sign-on, and user profile management in the heterogeneous application environment.

Oracle Identity Manager is a powerful and flexible enterprise identity provisioning and compliance monitoring solution that automates the creation, updating, and removal of users from enterprise systems such as directories, email, databases, and ERP.

Oracle Identity Federation enables cross-domain single sign-on with the industry's only identity federation server that is completely self-contained and ready to run out-of-the box.

Oracle Internet Directory is a robust and scalable LDAP V3-compliant directory service that leverages the high availability capabilities of the Oracle 10g Database platform.

Oracle Virtual Directory provides Internet and industry standard LDAP and XML views of existing enterprise identity information, without synchronizing or moving data from its native locations.

Oracle Web Services Manager is a comprehensive solution for adding policy-driven security and management capabilities to existing or new Web services.

Oracle Enterprise Single Sign-On provides users with unified sign-on and authentication across all their enterprise resources, including desktops, client-server, custom and host-based mainframe applications.

Oracle Adaptive Access Manager provides web access real-time fraud detection and multifactor online authentication security for the enterprise.

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 completely different data schema, structure, attribute name and values.

- Proven Scalability, Availability and Manageability

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

Access Management

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

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.

Conclusion

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.

To see how easy the Virtual Directory is to deploy and solve your problems – download a copy of the Oracle Virtual Directory from <http://www.oracle.com/identity>.

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