

Dell One Identity Virtual Directory Server

Virtualize data between incompatible applications, data stores and directory servers

Today, identity data is stored in a heterogeneous collection of directories and databases. Unfortunately, applications need a specific view of that data — which may not coincide with how the data is stored or the protocols available to access it. In addition, most application configurations have minimal flexibility for load balancing and high availability of LDAP, and controlling who has access to information in disparate systems can be difficult.

Dell One Identity Virtual Directory Server is a middleware application that abstracts back-end data from client applications, making it possible to modify the presentation of data on the fly. Therefore, you can easily integrate

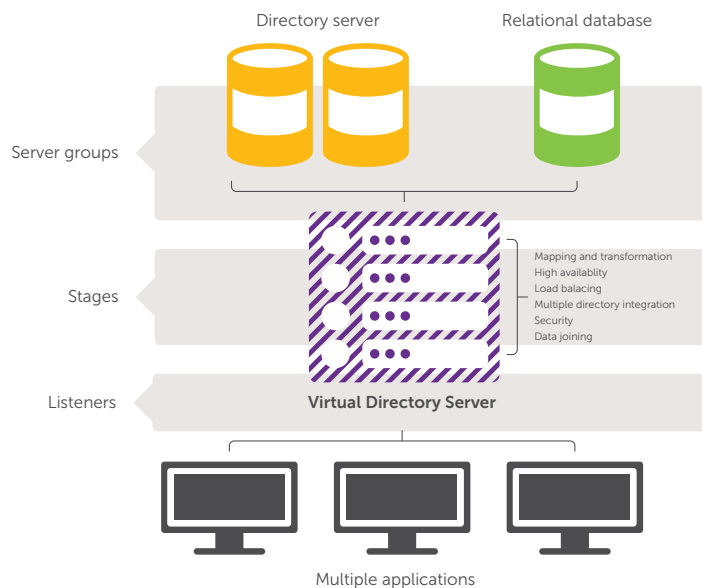
new applications into your existing identity infrastructure without having to alter directory information — your data remains in its original place and format.

The solution has been ported to, and optimized for, all major platforms, so it can run in environments where a variety of operating systems are used. It provides a single granular security policy for all back-end repositories, and improves overall performance through load balancing and search caching. Quite simply, Virtual Directory Server is the most powerful and flexible software component you can add to improve the operation and administration of your enterprise directory services.

Dell One Identity Virtual Directory Server abstracts back-end data from client applications, making it possible to modify the presentation of data on the fly. Therefore, you can easily integrate new applications into your existing identity infrastructure without having to alter directory information.

Benefits:

- Modifies presentation of data on the fly to simplify access to heterogeneous directories and databases
- Improves overall performance through load balancing and search caching
- Increases availability through health checking and failover mechanisms
- Provides a single granular security policy for all back-end repositories
- Enables easy deployment of customized scripts based on the content of requests and responses between clients and back-end repositories



Virtual Directory Server resides between your client applications and your directory servers or relational databases, enabling you to modify the presentation of data on the fly.

System requirements

Operating system

Microsoft Windows Server 2003 or later, 32- and 64-bit

Solaris Sparc 8 or later

Solaris Intel 9 or later

Linux 2.4 or later

Platform

Recommended 1 CPU dual core

Memory

Minimum 512MB, 2GB to 4GB recommended

Hard disk space

300MB to install. Additional space is required for configuration and log files.

For more information, visit software.dell.com/products/quick-connect-virtual-directory-server.

Features

Modifies presentation of data on the fly — Virtual Directory Server enhances your overall architecture by creating an abstraction layer that consolidates and simplifies views between client applications and data repositories. The solution can present a “virtual tree” to unify data from discrete heterogeneous data repositories without affecting the existing infrastructure.

Increases performance — The solution includes a collection of load balancing and failover algorithms, search caching for LDAP requests and powerful request-routing functionality.

Improves security — Granular filtering enables you to effectively control firewall operations and network traffic. An ACL plug-in allows you to develop a single security policy and apply it to all back-end servers, and a number of powerful logging utilities enable auditing and data recovery.

Offers built-in manageability — Flexible remote administration and configuration options can be accessed from either a Java-based GUI or a standard web browser. The solution also includes a huge collection of plug-ins to automate tasks, along with integrated health-checking facilities.

Is easily customized and extended — All plug-ins can easily be customized, and the staged architecture facilitates scripted behaviors that can be triggered to act on packets of data as they traverse the virtual directory server.

Ensures scalability — Virtual Directory Server establishes an easily scalable architecture through the use of managed Server Groups.

Delivers the most platform and protocol support options — Virtual Directory Server offers engine support for Microsoft Windows, Linux and Solaris. Protocol support includes LDAP(S), Kerberos and HTTP(S)/web services (SOAP, XACML, SPML and others). In particular, it includes an LDAP-to-RDBMS bridge, so LDAP clients can access data stored within a relational database as if it were part of an original directory information tree (DIT).

About Dell Software

Dell Software helps customers unlock greater potential through the power of technology — delivering scalable, affordable and simple-to-use solutions that simplify IT and mitigate risk. This software, when combined with Dell hardware and services, drives unmatched efficiency and productivity to accelerate business results. www.dellsoftware.com.

