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Positive Aspects Offered by Virtual Directory by John Ozoa

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A virtual directory is a technology that enables for user identities from different sources to be unified and presented back to calling applications in logical views instead of separate identity stores. It is actually lightweight in nature making it very exceptionally flexible and portable allowing for the data to be used by humans and technologies like web services.

Usually, a virtual directory is made using LDAP protocol. The common sources of data that will be acquired by a virtual directory are relational databases, LDAP and internet services. Though most virtual directories are consisting of user as well as entitlement data, they can be extended to obtain extra user information like the history of the owned products.

There are many functions that a virtual directory server can offer to your organization making it a must have especially if you deploy a number of directories and databases. There are also many advantages that a virtual directory can offer. It contains flexibility and choice in the integration level, buy data model or proxy and consolidation or correlation.

It also gives guaranteed levels of performance not depending on the performance of the back-end systems with advanced synchronization and caching technology. It also offers the ability to improve existing investments in reliable retailers of data. Additionally to all its positive aspects, a virtual directory also offers the delivery of views that are application specific of identity data that helps eliminate the need of building master enterprise schema.

Furthermore, a virtual directory allows single view of data without the internal or external regulations that govern identity data getting violated. If there are changes made in the main data stores, it will be reflected on the sub-directories in real time. It guarantees flexibility and scalability to meet the current and future needs of the organization when it comes to integration.

A virtual directory also establishes LDAP firewall or LDAP proxy, preventing denial of service attacks on the main data stores and at the same time giving security on access to the most essential data. Given all of the functions of a virtual directory, it is no wonder why many organizations choose using it over other similar technologies.

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