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The Flexibleness and Transportability of Virtual Directory by [Darrell Fore](#)

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A virtual directory is usually a technology made use of by companies that enables for user identities coming from many sources to be integrated or merged and presented back into the calling application inside a consolidated view as an alternative of separate identity retailers. The calling application will not feel the data is coming from a number of sources.

This technologies is known to be lightweight in nature which tends to make it extremely flexible that both humans and technologies can make use of it. It's generally constructed via the use of LDAP protocol. The widespread sources or stores of data that the virtual directory is capable of applying include relational databases, internet services and LDAP.

It truly is attainable to extend the virtual directory to collect far more user information and facts, although typical virtual directory is consisting of user data and entitlement data. There are actually several benefits that come with a virtual directory server and these are the main factors why most organizations these days have decided applying this technology over the others.

First of all, it is actually flexible and suitable choice in the integration of consolidation level by data model and aggregation. Applying this technology, organizations are in a position to obtain guaranteed levels of performance not dependent from the back end systems efficiency by means of a lot more advanced and innovative synchronization technologies.

A virtual directory can also be known to have the capability of leveraging current investments in the main stores of data. It also assists negate the should develop master enterprise schema and is capable of allowing single view of identity data when complying with each the internal and external regulations in terms of governing identity data.

It could also establish identity firewall which helps preserve the environment and data shops secured against denial of service attacks. Also, if the admin users carry out some adjustments in the most important sources, it's going to be reflected in actual time on the sub directories.

It can also give guaranteed flexibility and scalability in meeting present and future integration requires and architecture patterns. Lastly, a virtual directory can also be employed as LDAP proxy that secures information against potential access from non-admin users.

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