The Flexibility and Mobility of Virtual Directory by Darrell Fore

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A virtual directory is a technology used by companies that enables for user identities coming from several sources to be integrated or merged and presented back in to the calling application in a consolidated view as an alternative of separate identity retailers. The calling application will not think the information is coming from multiple sources.

This technology is known to be lightweight in nature which makes it very flexible that both humans and technologies can make use of it. It is basically constructed through the use of LDAP protocol. The common sources or retailers of data that the virtual directory is capable of applying contain relational databases, net services and LDAP.

It is possible to extend the virtual directory to collect more user information, though typical virtual directory is consisting of user data and entitlement information. You will discover several benefits that come with a virtual directory server and these are the primary causes why most organizations these days have decided using this technologies more than the others.

First of all, it is flexible and appropriate selection in the integration of consolidation level by data model and aggregation. Utilizing this technology, organizations are in a position to obtain guaranteed levels of performance not dependent from the back end systems efficiency through a much more advanced and innovative synchronization technologies.

A virtual directory is also known to have the capacity of leveraging existing investments in the main shops of information. It also assists negate the ought to create master enterprise schema and is capable of enabling single view of identity data although complying with each the internal and external regulations with regards to governing identity data.

It may also establish identity firewall which helps maintain the atmosphere and data stores secured against denial of service attacks. Also, if the admin users carry out some adjustments in the principal sources, it is going to be reflected in true time on the sub directories.

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

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