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Features and Apply Cases of Virtual Directory by [John Ozoa](#)

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There are a lot of capabilities that a virtual directory has. First of all, it unifies identity data across stores to make a single, consolidated point of access. It can also develop scalability and availability for authoritative repositories. In most cases, a virtual directory can act as identity firewall wherein it is capable of stopping denial of service attacks on primary sources of data by adding a virtual layer.

A virtual directory may also help searchable namespace for a more consolidated and centralized authentication and has the capability of presenting unified view of user data stored in disparate directories and databases. It could also delegate authentication to backed sources using supply specific security measures. Best of all, it could virtualize sources of data, to carry on migration from legacy data stores minus the need for modification of applications relying on them. Furthermore, it can boost identities that has attributed pulled from a number of data stores according on the link between the user entries.

There are many use cases that a virtual directory server can offer to organizations that deploy it. This includes integrating several directory namespaces to obtain a central enterprise directory. It can help integrations of infrastructure after mergers. It can centralize identity storage all over the infrastructure to make identity information readily accessible to applications using different protocols such as LDAP and web services. It is also responsible for creating a single access point for WMA or internet access management tools, help fine grained authorization guidelines, allowing web single sign on across the separate domains or sources and enables authentication on different security domains using each of the specific credential checking means of the domain.

Amazingly, it can also improve security access to data within and outside of the firewall. A virtual directory also acts as LDAP proxy. This role that it plays is essential when it comes to the security of not only the data but also their sources. In this way, it becomes possible for an organization to obtain the same level of data stores and content security without getting to setup a separate firewall or proxy.

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