

UnboundID Directory Proxy Server

Your Speedy, Scalable and Simple Proxy Solution



Complete your directory services architecture with robust proxy features

In the busy data centers of today's global enterprises, directory proxy servers are essential. Users need them for improved performance and accelerated access, while administrators demand them for security and peace of mind. Without a proxy in place, administrators must deal with individual directory servers — rather than sharing directory services across an entire set of servers. And clients face outages when a directory server becomes unavailable, instead of their requests automatically routing to an available server. A solid proxy server is the key to a smooth-running data center. Now, UnboundID offers a proxy server that boasts speed, scalability and ease of use — plus additional features you won't find anywhere else.

The UnboundID Directory Proxy Server provides high availability and added security for the UnboundID Directory Server while remaining invisible to client applications. And since all UnboundID products share a common code base, they work together seamlessly — unlike competitive solutions, which tend to have disparate products that do not integrate well.

Only UnboundID offers *entry balancing*. This means that in large data centers, our Directory Proxy Server can automatically distribute data across multiple systems — without altering its content or hierarchy — if the entire data set cannot be contained on a single system. This feature allows the proxy to greatly improve scalability and performance in your directory environment.

What's more, UnboundID has eliminated the complexity of tracking operations through the environment. To save valuable time and resources, the UnboundID Directory Server and Directory Proxy Server enable administrators to easily determine the path taken by requests and responses between the client and the UnboundID Directory Server.

UnboundID Directory Proxy Server Advantages

Are you ready to complete your directory services architecture? An easy addition to your existing environment, the UnboundID Directory Proxy Server enables applications to transparently failover between directory servers if a problem occurs. And it ensures a balanced workload across your entire directory server environment.

In addition, the UnboundID Directory Proxy Server provides:

- High availability and load balancing with advanced health checking
- Improved performance and scalability
- A layer of isolation between LDAP clients and backend servers
- A compatibility and transformation layer for LDAP clients

KEY BENEFITS

The UnboundID Directory Proxy Server offers your organization:

- **Supreme scalability:** Entry balancing automatically distributes data across multiple systems, unlike competitive solutions.
- **Seamless integration:** UnboundID products are designed together from the ground up, while competitors roll out products on an ad hoc basis.
- **Time and resource savings:** Consistent logging format allows activity tracing from client application to directory server, along with options for filtering information.
- **Simple monitoring:** Common framework allows consolidated monitoring of advanced directory-server environment parameters.

UnboundID

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www.unboundid.com

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FEATURES	BENEFITS
High Availability	<ul style="list-style-type: none">• Allows transparent failover between servers• Includes advanced health checking capabilities• Ensures load balancing• Follows referrals on client's behalf
Horizontal Scalability and Performance	<ul style="list-style-type: none">• Automatically distributes data across multiple systems (known as "entry balancing"), improving directory environment scalability and performance• Appears as one large directory service to the clients
Data Mapping and Transformation	<ul style="list-style-type: none">• Allows client interaction with the server using older names for directory content• Enables clients to continue working when they would not be able to work directly with the directory server, either because of changes at the directory layer or inherent client design limitations
Load Balancing and Failover	<ul style="list-style-type: none">• Spreads workload across proxy servers in large data centers using directory load-balancing algorithms• Can take a number of factors into account, including the relative health and locations of backend servers
Security and Access Control	<ul style="list-style-type: none">• Protects server from attacks with advanced firewall capabilities, constraints and filtering
Cross-Environmental Operations Tracking	<ul style="list-style-type: none">• Simplifies operations tracking for administrators by including key usage information, such as connection ID and operation ID
Monitoring and Management Tools	<ul style="list-style-type: none">• Leverages UnboundID Directory Server components to provide protocol support, logging, management tools for configuration and monitoring, schema, etc.• Enables use of interactive and non-interactive command line tools and Web-based administration console for server management

Talk to us today

UnboundID develops next-generation identity management software to meet the rigorous demands of today's organizations. Our Directory Services 2.0 family of products includes UnboundID Directory Server, Synchronization Server, Directory Proxy Server and LDAP SDK for Java.

Learn more about next-generation LDAP solutions from UnboundID. Call **+1 512.600.7700** or visit **www.unboundid.com** for more information.

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