

# UnboundID Directory Server

Your Next-Generation Directory Solution



## Step up to a next-generation directory server

First-generation directory servers were designed primarily to address internal enterprise needs. This included support for a million entries or less, relatively few transactions (with a low percentage of updates), much lower performance requirements and fewer data center concerns.

Today, it's a completely different world. More and more businesses are driving revenues through expanding and enhancing services delivered to their external customers. This new business environment requires a next-generation directory server that is built from the ground up to address a billion entries and more, ten times the transactions, service level agreements demanding much higher performance, and relief for maxed-out data centers.

The good news is that UnboundID has introduced UnboundID Directory Server, a next-generation, LDAP v3-compliant solution especially developed for today's rapidly growing and highly demanding environments. In fact, UnboundID Directory Server offers the best scalability, highest transaction throughput, fastest performance, and smallest footprint to deliver the lowest total cost of ownership (TCO) now available.

### Your advantages with UnboundID Directory Server

UnboundID Directory Server is unique in its ability to help you achieve higher service levels, greater efficiencies and improved flexibility across your infrastructure.

#### • Proven efficiencies

UnboundID Directory Server can reduce a company's directory server equipment and storage footprint by up to 80% compared to alternative solutions. This assists Green Data Center initiatives by reducing space, power and cooling needs. It can also extend the lifetime of existing equipment by making more efficient use of its memory and storage. This helps drive a more cost-effective growth strategy while reducing capital expenditures and freeing budget dollars to be spent elsewhere.

#### • Blazing-fast response times

Higher cache efficiency resulting from advanced state-of-the-art information storage techniques enables UnboundID Directory Server to support more data in less memory than any other product on the market. Response times of a single millisecond or better can be achieved for read and write operations.

#### • High availability design

UnboundID Directory Server provides no single point of failure in its design and architecture. High availability is also enhanced by lightning fast import, startup, backup and recovery, as well as by improved data redundancy.

### KEY BENEFITS

**Compared to today's competition, UnboundID Directory Server offers:**

- **Lower TCO**, delivering up to 500% more performance with only 20% of the equipment and storage footprint.
- **Superior response times**, at less than a millisecond for read and write operations.
- **Higher availability**, with no single point of failure and carrier-grade uptime.

[www.unboundid.com](http://www.unboundid.com)

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- **The best of both worlds**

UnboundID Directory Server combines the best of both the directory and the database worlds in a single product. Offering state-of-the-art directory server capabilities, UnboundID Directory Server provides key features of a traditional relational data base such as support for trigger events and high throughput writes.

- **Industry-unique capabilities**

Support is provided for SQL-like begin/commit/rollback functionality to avoid interruption of updates for multiple related operations. This ability to treat multiple reads and writes as a single transaction was, until now, only supported by relational database products.

- **Triple-strength data protection**

Data protection is enhanced by real-time integrity and auditing, corruption detection and tamper-evident backup/restore. UnboundID Directory Server also provides a robust, extensible security model and full compliance with LDAP security standards.

- **Flexible scalability**

UnboundID Directory Server can be scaled horizontally with customer and application growth or vertically with increased throughput and response times.

- **Efficient, cost-saving extensibility**

Extensibility enables easy customization of server capabilities in a safe and reliable manner, avoiding undesired work-arounds and expensive professional services.

- **Streamlined setup, administration and auditability**

Setup can be performed silently or via a graphical user interface or interactive command line. Administrators can seamlessly manage multiple servers with server configuration sets. Security and accountability can be improved by recording every server configuration change, who made it, and how to reverse.

- **A comprehensive LDAP SDK**

This Java-based SDK is the only actively developed and enhanced public LDAP SDK freely available today, providing thread-safe capabilities, advanced support for connection-pooling and fail-over, load-balancing, authorization identity controls, and full localization support.

## 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 include UnboundID Directory Server, Synchronization Server, Directory Proxy Server and LDAP SDK for Java.

Learn more about next-generation LDAP solutions from UnboundID. Call **+1 512.904.9130** or visit **[www.unboundid.com](http://www.unboundid.com)** for more information.

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The logo for UnboundID, featuring the word "UnboundID" in a bold, sans-serif font. The "U" is white with a blue outline, and the "ID" is solid blue. The rest of the letters are white with a blue outline.