

Directory Server

The Critical Path™ Directory Server is a highly scalable directory that enables high-speed access to user profiles and other data required by mission-critical systems and applications. Delivering reliable, easy-to-manage, distributed access to information, the Critical Path Directory Server is compatible with the industry's broadest range of applications and systems.

Proven and trusted by leading organizations, and deployed in some of the most demanding IT infrastructures, this state-of-the-art directory handles large quantities of data, provides lightning-fast response times and offers the industry's highest levels of scalability and performance. The Critical Path Directory Server is a market leader in mission-critical environments, including corporate intranets/extranets, online banking services, carrier/service provider infrastructures and government security systems.

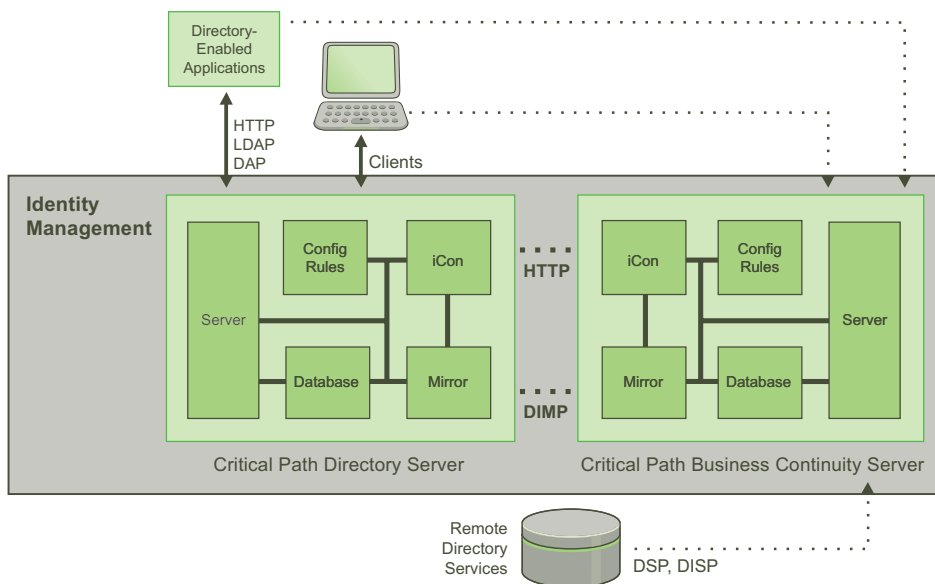
Key Features

High Performance and Scalability

- Support millions of entries across a distributed directory infrastructure
- Scale to multimillion entries while delivering sub-second response times with hundreds of queries per second
- Present a globally unified directory namespace through standard distribution protocol support for data population across multiple servers
- Add directory servers as required to scale services
- Optimize performance and reduce network bandwidth requirements by placing data where it is used or accessed most often
- Achieve optimization through x.500 distribution standards for chaining and replication, as well as with granular replication

Key Benefits:

- Scale to support multimillion entries
- Maintain transactional integrity
- Sub-second response times to hundreds of operations per second
- Reduce network traffic through chaining and replication
- Centralized Web management
- Mirror directory environments for reliability and failover
- Low cost of ownership
- Interoperates with existing infrastructure



Critical Path's Directory Server plays a key role in Identity Management. In addition, the Business Continuity Server (see details on back) provides failsafe back-up and recovery of critical directory services.

Transactional and Data Integrity

- Ensure that authentication, authorization and access control rights are determined using the latest and most up-to-date user profile information
- Guarantee transactional integrity by not fully committing to a transaction until all relevant directory components have been updated
- Ensure integrity by committing all transactions to disk versus caching

Standards Support

- Protect and leverage technology investments (Supports LDAP, DSML and HTTP standards)
- Interoperate easily with meta-directory, access management, single sign-on, account provisioning and security applications
- Enable open access and support for applications and services through X.500 and LDAPv3-compliance
- Securely access and efficiently distribute the latest information through standards-based chaining and replication protocols

Granular Data Control

- Provide total control over global data distribution through granular replication and selected object-class shadowing
- Optimize performance and reduce network bandwidth requirements
- Simplify replication establishment and selectively share subsets of data with others by supporting selected attribute replication and multiple sub-tree replications

Data Security

- Leverage proven interoperability with industry-leading security applications
- Ensure secure data access with support for security standards, including SSL/TLS and SASL, as well as SSHA and md5 encryption

Simplified Management

- View the distributed directory architecture as a whole unit and manage the server from any point on the network via a standard Web browser
- Utilize an easy-to-use graphical user interface (GUI) to reduce administrative burdens and enhance service quality
- Facilitate rapid and easy management to ensure data accuracy and availability

System Requirements

Operating System:

- Solaris
- Windows NT, 2000
- HPUX
- AIX
- Red Hat Release 4

Supported Application and Service Standards:

- LDAPv3
- DSML
- HTTP
- SNMP
- X.500

Supported Security Standards:

- SSL/TLS
- SASL
- X.509
- SSHA
- Md5 encryption

Business Continuity Server

With directory services playing an ever-increasing role in the provisioning and operation of mission-critical business applications, high availability and failover recovery are essential. Critical Path's Business Continuity Server works in conjunction with the Directory Server—providing seamless directory service continuity in the event of failure of any critical directory service component.

With the Business Continuity Server, all relevant operational elements of the Critical Path Directory Server environment are replicated for instant availability in the event of unpredicted downtime of the primary production servers. Directory data is protected, and "business as usual" is always ensured by automatically switching operations to an alternative directory—if and when needed.

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