

# M-VAULT

## INTRODUCING M-VAULT

*A high performance X.500 and LDAP (Lightweight Directory Access Protocol) directory server including replication, high functionality access control and security management, graphical administration tools and web access.*

### LIGHTWEIGHT DIRECTORY ACCESS PROTOCOL (LDAP)

LDAP is the Internet standard directory access protocol. LDAP directories are ideal for use where there is a requirement for very high access performance for large volumes of data, standard protocol access to data with a core standard schema and the ability to easily extend schema definitions.

### WHY M-VAULT?

M-Vault provides a high performance, replicated and managed LDAP infrastructure which can be accessed by LDAP applications and services using any widely available LDAP toolkit, often in the context of web applications.

### M-Vault features:

#### HIGH PERFORMANCE

M-Vault manages millions of entries and processes thousands of queries per second. Performance can be monitored and tuned based on usage and service needs. SMP (Symmetric Multiprocessing) is supported to exploit the power of multiprocessing architectures. Recent performance tests against SunONE and OpenLDAP using industry standard DirectoryMark tests showed M-Vault to be faster than Sun on a majority of tests and considerably faster than OpenLDAP on all measures.

#### HIGH AVAILABILITY

A high-end database transaction subsystem provides assurance that hardware operating system or application failures do not corrupt a directory server database. Transaction support also enables online backup procedures for disaster recovery.

### POWERFUL CROSS-PLATFORM TOOLS

M-Vault features the most powerful and flexible directory management tools available. Our Linux, Solaris and Windows Management GUIs are designed to enable low cost management within complex environments. Server configuration, security control and data administration can be managed centrally or delegated to suppliers, partners, customers. M-Vault has the flexibility to allow you to define different access profiles for the multiple administrative management and user groups requiring a relationship with data and data administration features.

### X.500 & SSL SUPPORT

M-Vault fully supports X.500, providing rigorous standards for data replication, access control, X.509 strong authentication and other security features. LDAP over SSL/TLS (Secure Sockets Layer, Transport Layer Security) provides online encryption and preserves information confidentiality (including user names and passwords).

### EASE OF USE

Straightforward to install and run, the M-Vault 'Getting Started Guide' should ensure that servers are installed and running within 30 minutes.

### KEY FEATURES

- High Performance
- High Availability
- Powerful cross-platform tools
- X.500 and SSL support use
- Quick to install, easy to use

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