



Welcome to DSMETER®

Thank you for considering DSMETER® for your enterprise's eDirectory/NDS and NetWare File Systems. When you use DSMETER's enterprise platform you will quickly establish auditing and proactive control of your eDirectory/NDS and NetWare File Systems.

Features and Benefits

• Quick and Simple Installation

Whether your enterprise is comprised of one or thousands of servers, DSMETER's NLM-only technology provides for quick and simple installation. Per directory Tree, DSMETER's Administrator interface quickly pushes and loads DSMETER's NLMs on each server. It can even modify AUTOEXEC.NCF at each server to automatically load DSMETER. This interface can even be used to undo changes to AUTOEXEC.NCF and unload DSMETER at each server.

Additionally, DSMETER provides support for:

- Multiple repository servers;
- Independent installations in the same Tree;
- Clustered Volumes as Repository Host.

• Comprehensive tracking and auditing of all *successful* login and logout requests

At your direction, DSMETER can be configured to track login and logout requests for your entire Tree or any portion thereof. Login and logout tracking is defined per container (Organization, Organizational Unit, Country, [Root] and so on). Also available with DSMETER is the ability to track LDAP authentication per NetWare Server or IP address.

• In-depth tracking and auditing of all *failed* login requests

Because failed login attempts can indicate incursions to your network, DSMETER uniquely provides you with insight of the following events:

- All Bindery-based login events (successful or not);
- All attempts to login with an invalid account name;
- All attempts to login using a bad password;
- Any accounts locked by eDirectory/NDS Intruder Detection.

• Thorough tracking of the assignment of Administrator/Supervisor privileges

Knowing who has been granted Administrator privileges to any portion of your

eDirectory/NDS is critical to controlling the security of your Tree. And, knowing who has been granted Supervisor privileges to any portion of your NetWare File Systems is equally important. DSMETER can be used to track both Administrator and Supervisor security privilege assignments throughout your Tree and NetWare File Systems. You can also use DSMETER to track security assignments of any other level such as Read, Write, Browse, and so on.

• **Complete NetWare File System file activity tracking**

With DSMETER you can track, alert and control file system activity on your NetWare File Systems. Find out who is using files with any extension such as MP3, MPG, JPG, GIF, and so on. Discover who is accessing and making changes to any file or folder within selected directories and/or subdirectory structures. Block creations/changes to any file such as MP3, EXE, DLL and so on. Track all Copy file events including NCOPY file events. Use DSMETER's customizable alerting feature to immediately notify you when any specific file activity occurs. DSMETER can even be configured to exclude files from being tracked.

• **Restrict eDirectory/NDS object creation and deletion by Object Class**

Available only with DSMETER is the unprecedented ability to control eDirectory/NDS object creation and deletion by Object Class. Ordinarily when a user is given the ability to create/delete eDirectory/NDS objects they can create an object of any permissible class including Servers, Containers, Printers and so on. When you use DSMETER's exclusive ability you can precisely control the types of objects users are allowed to create. And, if you have inherited the eDirectory/NDS Tree you can quickly "Lock Down" all object creation to designated users only and quickly gain control of your network.

• **Discover and uncover Hidden Objects within your eDirectory/NDS Tree**

Did you know hidden objects could be lurking within your eDirectory/NDS Tree? These hidden objects can be used as a *backdoor* to gain entry to your eDirectory/NDS Tree! DSMETER will locate and optionally unhide and even disable any hidden objects found.

• **Complete eDirectory/NDS Object and Attribute activity tracking**

With DSMETER you can track changes to eDirectory/NDS Objects and Attributes. Track changes, per eDirectory/NDS container, to passwords (even failed password change attempts), group memberships, security equivalences, and any other Attribute, including custom schema extensions. DSMETER can also be used to track the creation and deletion of individual objects and containers of objects. You can even track the total time an object has been logged in.

• **Receive a simple inventory of your NetWare Servers**

Included with DSMETER is the ability to inventory your NetWare Servers and discover:

- NetWare version
- DS version
- RAM

- Free space on the DOS partition of C: drive
- CPU 0's type and speed rating
- Size of SYS:_NETWARE (directory where eDirectory/NDS stores its files)
- Free space on SYS:
- Free space on all other mounted volumes

• Document NetWare Server Activity

DSMETER provides you with the ability to document the activity of your NetWare Server, including:

- When CPU utilization exceeds threshold (time-based)
- When any Volume is more than % full
- When any Volume is mounted / dismounted
- When any user / folder has less than % disk space remaining
- When Cache buffers are low
- When server is rebooted / restarted
- When an NLM is loaded / unloaded
- When any replica on a server is in an error state
- Stuck obituaries (via replica errors)

For more information on DSMETER for NetWare, please visit us at:

<http://www.visualclick.com/content/dsmeterwhy.htm>