



## ACL Dominator *for HCL Notes® and Domino®*

### HCL Domino Security Tool

**Generate security reports for ACLs, User Activity, Nested Groups, Delegation, ACL Historical Snapshots, Forwarding Address, Mailbox Rules (send action)**

Verify [DLAU Tool](#) license results with User Activity reports for Notes, Web, Mobile users

**Repair security holes, Secure Domino data and Optimize server performance!**

#### System Requirements

<b>Desktop platforms:</b>	Windows 11 or earlier, macOS, Linux
<b>Desktop software:</b>	Notes 14 or earlier
<b>Server platforms:</b>	Windows 2025 or earlier, Linux, IBM i, AIX
<b>Server software:</b>	Domino 14 or earlier

ACL Dominator can be installed on a desktop or server. The Domino network can be managed from a single desktop by running DB reports and applying multiple DB admin updates with a single click. However, if you plan to schedule DB reports daily, weekly, or monthly it is recommended to install a non-replica or replica copy on each server to be included in the report for load balancing purposes which minimizes the CPU usage and generates the fastest possible report of the entire Domino network.

The automated installation will copy ACL Dominator (acldom.nsf) to the root Notes data folder allowing users to run reports and DB admin updates on the client-side. ACL Dominator can be installed on the server by copying acldom.nsf to the Domino data folder which supports running reports on the server-side (scheduled) and allows multiple users to access it. Adjust the ACL in acldom.nsf as necessary to provide the proper access to end users. Users generating ACL reports should have at least Author access (with Create documents), and users updating ACL's should have at least Reader access.

**Important:** We recommend enabling "Administration - Full Access Administration" mode in the Domino administrator client tool bar when using ACL Dominator on the client-side for best results. Otherwise, if full access administration mode is disabled then generating DB reports requires the end user Notes ID to have at least Reader access to each DB, and applying DB admin updates requires the end user Notes ID to have at least Manager access to each DB. NOTE: Full Access administrators can be added in the Domino Directory (DD) – Security tab – Full Access administrators field.

#### Functionality sheet

##### **Repair Security Holes, Secure Domino Data and Optimize Server Performance**

- **Notes, web, mobile mail & app user activity reports:** Verify [DLAU Tool](#) license results and identify users who have the wrong access rights
- **Mailbox user activity (last sent email date) report:** Verify [DLAU Tool](#) license results and identify mailboxes which can be retired
- **Report, manage, analyze, audit, export, update all Access Control Lists:** Fix security holes
- **Advanced database properties reports:** Verify DBs are using latest Domino compression / optimization
- **Mailbox/DB document count reports:** Identify mailbox/DBs which require archiving
- **Full Text Index reports:** Optimize server performance by identifying non-critical mailbox/DBs using "Immediate" frequency which should ideally be changed to "Hourly" or "Daily"
- **Mailbox delegation reports:** Assist with messaging migrations

- **Mailbox Rules reports:** Identify which users created mail rules to forward emails via send action
- **Primary, alias and forwarding email address reports:** Identify all valid email addresses
- **Nested group reports:** Identify mailbox/DB access issues using heavily nested groups
- **Mailbox owner reports including changing owner ACL:** Force mailbox access of all mailbox users to Editor. i.e. Specify "\$\$MailOwner" reserved word as ACL entry in tool when performing ACL updates
- **DAOS reports including Logical, Physical and DAOS size:** Identify attachment consolidation disk space savings

#### **PLATFORM-INDEPENDENT**

ACL Dominator runs on all Domino versions and platforms including Windows, Linux, IBM i and AIX.

#### **SIMPLE INSTALLATION**

Installation simply requires creating a new DB on either a server or local desktop which is based upon the ACL Dominator Notes DB template. ACL Dominator runs on all platforms.

#### **MULTIPLE REPORT FORMATS**

ACL Dominator can generate the following reports which can be displayed in a Notes DB view or optionally exported to Excel spreadsheet format: Access Level, ACL Size, Advanced-Consistent ACL, Advanced-Max Internet Access, DB Modified Date, DB Size, Design-Category, Design-Inherit Design Template, Design-Is Design Template, Entry, Filename, Invalid Entry-by entry, Invalid Entry-by title, ACL Dominator Log, Mail\Mail File Activity, Mail\Delegation\Calendar Read Delegates, Mail\Delegation\Calendar Write Delegates, Mail\Delegation\Mail Delete Delegates, Mail\Delegation\Mail Edit Delegates, Mail\Delegation\Mail Read Delegates, Mail\Delegation\Mail Write Delegates, Mail\Mail Owner, Mail\Out of Office, Replica ID, Replication Disabled, Title, Unreported DB, User type, etc.

#### **ACL REPORT SCHEDULING**

ACL Dominator can be scheduled to run ACL reports daily, weekly, or monthly across all Domino servers in a company. The user Notes ID which schedules the report must be listed in the Agent Manager "Run restricted LotusScript/Java agents" field in the server document and must have at least Reader access to report on each DB. The "Unreported DB" report lists any DB in which the Notes ID did not have proper access.

#### **ADD, RENAME AND REMOVE ACL ENTRIES**

ACL Dominator supports updating ACLs -- Add, Rename, Remove -- for all DBs on a server or in a specified Folder including ACL options such as Entry name, User type, Access Level, Privileges, Roles, Consistent ACL, Max Internet Access, Administration Server, etc. In addition to supporting explicitly listed ACL entries when applying an ACL update, ACL Dominator supports wildcards or reserved words as seen in the example below.

i.e. How do I globally update the Mail Owners ACL entry within the MAIL folder ? You can update the Mail Owners' ACL entry for all mailboxes on your server in a single click by typing "\$\$MailOwner" in the existing and new ACL entry name fields.

#### **ACCESS LEVELS, ACTION PRIVILEGES**

ACL Dominator reports and updates on all Access Levels -- No Access, Depositor, Reader, Editor, Designer, Manager --, as well as ACL Privileges -- Create documents, Delete documents, Create private agents, Create personal folders/views, Create shared folders/views, Create LotusScript/Java Agents, Read Public documents, Write public documents.

#### **ROLES, CONSISTENT ACL, USER TYPES**

ACL Dominator reports and updates ACL Role entries, User types -- Unspecified, Person, Server, Mixed Group, Person Group, Server Group --, and "enforcing a Consistent ACL on all DB replicas" in multiple or specified DBs.

#### **MAXIMUM INTERNET ACCESS, ADMIN SERVER**

ACL Dominator reports and updates the ACL attributes "Maximum Internet name and password" -- No Access, Depositor, Reader, Editor, Designer, Manager --, and "Administration server" in multiple or specified DBs.

#### **ACL LOG CHANGE HISTORY SNAPSHOTS**

ACL Dominator generates the reports in Notes DB views which can be sorted by report date to effectively allow a Domino Administrator to see complete ACL snapshots for any report date and compare it to the ACL snapshot from a previous day, week, or month to identify any changes.

#### **ACL SIZE, LOCATE UNINITIALIZED REPLICA STUBS, CORRUPTED DBS**

ACL Dominator generates an "Unreported DB" report which displays initialized replica stubs, corrupted DBs, and DBs in which the Domino Administrator cannot access. The ACL Size report generated displays the total ACL Size of each DB to proactively monitor

ACLs which frequently change. Domino has an ACL size limitation of 32,767 bytes which includes all ACL entry characters, log, and other attributes -- the DB denies access to all users when this limit is reached.

#### **VIEW OUT OF OFFICE ENABLED MAIL USERS, MAIL/CALENDAR DELEGATION, MAIL OWNERS**

ACL Dominator generates mailbox reports which indicate all users that have Out of Office enabled, Mail/Calendar Delegating for each mailbox, and the Mail Owner assigned to each Mailbox. The Mail Owner Access level for each mailbox can automatically be updated by specifying "\$MailOwner" in the ACL Update profile. NOTE: The Mail Owner can be manually displayed in a user's mailbox by clicking "Tools - Preferences - Mail - Basics - User Configuration - This mail file belongs to:"

#### **FULL TEXT INDEX**

ACL Dominator generates reports for full text index enabled mailboxes/DBs including full text index frequency and last index time.

#### **MAILBOX/DB DOCUMENT COUNT**

ACL Dominator generates mailbox/DB size document count reports.

#### **MAILBOX/DB SIZE (Logical, Physical, DAOS)**

ACL Dominator generates mailbox/DB size reports including logical, physical and DAOS sizes on DAOS enabled mailboxes/DBs.

#### **MAILBOX USER ACTIVITY REPORTING**

ACL Dominator generates mailbox activity reports when specified in the ACL Report profile. It checks the date/time of the last sent email to determine if the user is actually corresponding in the mailbox. NOTE: It is recommended to run the UPDALL task on your Domino Mail server for optimal performance before proceeding. i.e. LOAD UPDALL -C MAIL

#### **GROUP TROUBLESHOOTING**

ACL Dominator supports group troubleshooting by allowing a user to expand a Notes group several nested levels.

#### **DOMINO DIRECTORY REPORT VERIFICATION**

ACL Dominator allows a user to verify each ACL entry is listed in the Domino Directory either on the current Notes domain server or another Notes domain.

Additional documentation is available in the software by clicking the "Help" View Action button.

## **Application Support**

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