

SECNOLOGY

DATA GOVERNANCE

Comprehensive Data Governance:

User data access needs change, and access permissions are seldom revoked; users accumulate more and more access authorization over time. Organizations lack the ability to see who is accessing data and what they've accessed, identify excessive permissions, and identify data owners.

Solution:

SECNOLOGY offers a framework to achieve data governance. SECNOLOGY aggregates user, permissions, data and access event information from directories and file servers.

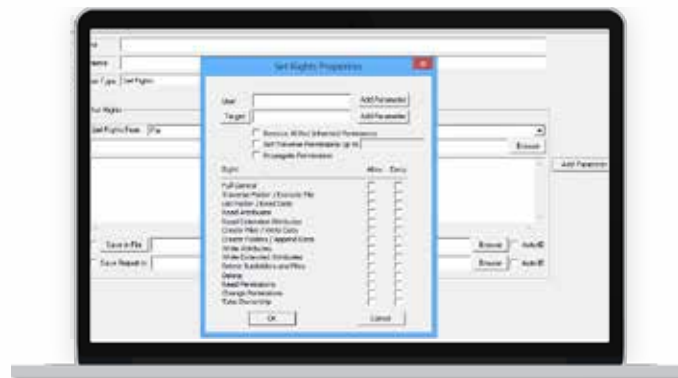
Easy and powerful analytics can be applied to the collected information to show detailed data use and determine rightful access based on business needs.

Visibility:

- Complete bi-directional view into the permissions structure of Windows platforms
- Display resources accessible to any user or group with a type of permission
- Display user and group privileges for any file or folder
- Identify folders and files with their data owner
- Identify all permissions on folders that have been inherited from their parent folders

Data Ownership Identification and Involvement

- Statistical analysis of user activity identifies business owners of data
- Automated and configurable reports involve data owners in the data governance process
- Facilitates round-trip data owner involvement



Complete Audit Trail:

- Usable audit trail of every file touch on monitored servers
- Detailed information on every file, folder, user, or group in a sorted way
- Data collection performed with minimal impact to the file server and without requiring native Windows auditing
- Identify all permissions on folders that have been inherited from their parent folders

Change and Commit:

- Actionable intelligence on files and folders to change permissions including indirect permissions like "traverse", "inherit", or "propagate" permissions
- Model permissions changes saved easily in a standard ASCII file
- Commit changes to Active Directory objects through a very friendly GUI or through a file

Extensible Framework

- Data classification and categorization available on the fly
- Get real time alerts on events of interest, such as changes made outside of change control hours
- Involve data owners and business users directly
- Identify changes in group members and permissions

SECNOLOGY provides :

- Bi-directional visibility into file system permissions
- Complete audit trail of permissions events
- Complete audit trail of file events
- Data ownership identification through analysis of user activity
- Extensible architecture with NO Database

Visibility into permissions

By combining user and group information taken directly from Active Directory, LDAP, or other directory services with a complete picture of the file system.

SECNOLOGY gives organizations a complete picture of their permissions structure. Both logical and physical permissions are displayed and organized highlighting and optionally aggregating NTFS and share permissions. Flag, tag and annotate your files and folders to track, analyze and report on users, groups and data.

SECNOLOGY also shows every user and group that can access data as well as every folder that can be accessed by any user or group.

Complete Audit Trail

SECNOLOGY can monitor every touch of every file in the file system, processes, and stores them in a sortable and searchable flat file. No database is needed. Detailed information for every file event is provided; all data can be reported on and provided to data owners. Data collection does not require native object success auditing on Windows nor any database for the storage.

Recommendations and Modeling

By combining the information on who can access the data, the audit trail detailing who is accessing the data, and sophisticated bi-directional cluster analysis, SECNOLOGY provides actionable intelligence on where excess file permissions and group memberships can be safely removed without affecting normal business pro

Data Ownership Identification

Because there is an audit of every file access event, SECNOLOGY can perform analysis of user activity in real-time to effectively identify business owners of data. Organizations are also able to assign owners to large numbers of folders.

Reports concerning data access, activity, changes to their folders and groups, and stale data can be provided automatically to data owners to involve them directly in the data governance

process. As owners change, they may be cloned or replaced so that ongoing data ownership maintenance is simplified.

Summary

With SECNOLOGY, organizations achieve enterprise wide data governance in a productive approach, through effective and efficient automated scheduled jobs.

SECNOLOGY ensures proper data use, proper permissions, and helps organizations meet legal, financial, intellectual property and data privacy requirements very easily.



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