

VARONIS® DATADVANTAGE®

Features and Benefits

Visibility

- Complete bi-directional view into the permissions structure of Windows servers
- Displays data accessible to any user or group as well as users and groups with permissions to any folder
- User and group information from directory services is linked directly with file and folder access control data

Complete Audit Trail

- Usable audit trail of every file touch on monitored servers
- Detailed information on every file event in a normalized database that is searchable and sortable
- Data collection performed with minimal impact to the file server and without requiring native Windows auditing

Recommendations and Modeling

- Actionable intelligence on where excess file permissions and group memberships can be safely removed without affecting business process
- Model permissions changes without affecting production environments

Data Ownership Identification

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

Extensible Framework

- Easily extends to accommodate additional metadata streams and platforms
- Data classification information available with DCF
- Windows, SharePoint available with DA/Win, and DA/UNIX
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- User and group information from directory services is linked directly with file and folder access control data



Varonis® DatAdvantage® for Windows

Comprehensive Data Governance

CHALLENGE

Unstructured data in organizations is exploding and out of control. In most organizations, unstructured data accounts for 80% of business data and doubles in volume every 12-18 months. In addition, as user data access needs change, access permissions are seldom revoked; users accumulate more and more access authorizations 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

Varonis offers a Framework to actualize data governance. The Varonis® DatAdvantage® software solution aggregates user, permissions, data and access event information from directories and file servers. Sophisticated analytics applied to the collected information show detailed data use and determine rightful access based on business need.

Varonis DatAdvantage Presents:

- Bi-directional visibility into file system permissions
- Complete audit trail of file events
- Recommendations on removing excess permissions and modeling of changes
- Data ownership identification through analysis of user activity
- Extensible architecture to include other metadata and platforms (e.g., classification information via DCF, SharePoint, UNIX, etc.)

VISIBILITY INTO PERMISSIONS

By combining user and group information taken directly from Active Directory, LDAP, NIS, or other directory services with a complete picture of the file system, DatAdvantage gives organizations a complete picture of their permissions structures. Varonis DatAdvantage shows you 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

DatAdvantage monitors every touch of every file on the file system, normalizes, processes, and stores them in a normalized database so that they are quickly sortable and searchable. Detailed information for every file event is provided; all this data can be reported on and provided to data owners. Data collection is performed with minimal impact to the monitored servers and does not require native auditing on Windows.

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, Varonis DatAdvantage provides actionable intelligence on where excess file permissions and group memberships can be safely removed without affecting normal business processes. DatAdvantage also provides the ability to model and simulate permissions changes in its sandbox so they can be tested without affecting the production environment.

DATA OWNERSHIP IDENTIFICATION

Because there is an audit of every file access event, DatAdvantage can perform analysis of user activity to effectively identify business owners of data. Reports concerning data access, activity, and stale data can be provided automatically to data owners to involve them directly in the data governance process, reducing the burden on IT.

SUMMARY

With Varonis DatAdvantage, hundreds organizations achieve enterprise-wide data governance in a productive approach, through effective and efficient automated data controls. Varonis DatAdvantage ensures proper data use, proper permissions, and helps organizations meet legal, financial, intellectual property and data privacy requirements.

WORLDWIDE HEADQUARTERS

499 7th Ave., 23rd Floor, South Tower
New York, NY 10018
Phone: 877-292-8767
sales@varonis.com

EUROPE, MIDDLE EAST AND AFRICA

1 Northumberland Ave., Trafalgar Square
London, United Kingdom WC2N 5BW
Phone: +44-0-800-756-9784
sales-europe@varonis.com