



VARONIS

DATADVANTAGE for Exchange

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Features and Benefits

VISIBILITY

- Bi-Directional Smart Views of all mailbox and public folder permissions, as well as distribution group monitoring and management
- Displays data accessible to any user or group as well as users and groups with permissions to any folder or mailbox
- Aggregate permissions for users and groups with multiple Exchange permission levels

COMPLETE AUDIT TRAIL

- Usable audit trail of all email activity
- Detailed information on email events in a normalized database that is searchable and sortable
- Data collection performed with minimal impact to the Exchange Infrastructure
- Detect sudden spikes in email activity

RECOMMENDATIONS AND MODELING

- Actionable intelligence on where excess mailbox and public folder permissions and group memberships can be safely removed without affecting business process
- Model permissions changes without affecting production environments
- Commit changes to mailbox and sharing permissions through the DatAdvantage interface

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 via DataPrivilege

EXTENSIBLE FRAMEWORK

- Easily extends to accommodate additional metadata streams and platforms
- DatAdvantage supports Windows, Exchange, SharePoint, UNIX, and Directory Services

COMPREHENSIVE DATA GOVERNANCE

Microsoft Exchange represents a semi-structured repository containing a massive amount of data and presenting an enormous problem to IT organizations, and the data is growing fast. Business-critical data residing in user mailboxes and public folders, users with access to multiple mailboxes and distribution lists, and a complicated permissions structure unique to Exchange present a significant operational problem for IT. Determining who can access what Exchange resources, who is sending email using whose credentials, and what data is overexposed in public folders is virtually impossible using native tools.

SOLUTION

Varonis offers a metadata framework to actualize data governance. The Varonis® DatAdvantage® software solution aggregates user, permissions, data and access event information from mailboxes and public folders. 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 Exchange permissions
- Complete audit trail of email and permissions 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

VISIBILITY INTO PERMISSIONS

By combining user and group information taken directly from Active Directory with a complete picture of the mailboxes, public folders, and distribution lists in the Exchange environment, 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 mailbox and public folder that can be accessed by any user or group, as well as the effective permissions, even when multiple permissions levels are applied.

Exchange data is often exposed by end users to global access groups like the Everyone and Anonymous groups. DatAdvantage for Exchange quickly identifies and helps remediate those resources with over-permissive access. Flag, tag and annotate your folders and mailboxes to add your own metadata to better track, analyze and report on users, groups and data.

COMPLETE AUDIT TRAIL

DatAdvantage monitors every email event and permissions change in the Exchange environment, normalizes, processes, and stores them in a database so that they are quickly sortable and searchable. Detailed information for every 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. Email activity is automatically analyzed to look for anomalous activity, such as email worms, viruses, and spam.

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 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. Changes can then be committed to the Exchange environment, bypassing cumbersome impersonation requirements.

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, 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. With Varonis DatAdvantage for Exchange, 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 for Exchange.

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