VARONIS
DATADVANTAGE for UNIX/Linux

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Features and Benefits

VISIBILITY

- Complete bi-directional view into the permissions structure of UNIX servers, including both UNIX and POSIX ACLs on multiple UNIX and Linux 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

- Identify folders that probably need a data owner or steward

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 Unix auditing

RECOMMENDATIONS, MODELING, AND COMMIT

- 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 AND INVOLVEMENT

- Statistical analysis of user activity identifies business owners of data

- Automated and configurable reports involve data owners in the data governance process

EXTENSIBLE FRAMEWORK

- Data classification information available with IDU Classification Framework™

- Windows, SharePoint, Exchange available with DatAdvantage for Windows,

- DatAdvantage for SharePoint, and DatAdvantage for Exchange

COMPREHENSIVE DATA GOVERNANCE

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 userdata 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 done.

SOLUTION

Varonis makes the platform and applications that actualize data governance. The Varonis DatAdvantage software solution aggregates user, data and access event information from UNIX and Linux file servers. Sophisticated analytics applied to the collected information show detailed data use and determine rightful access based on business need. Specifically and in a non-intrusive way,

Varonis DatAdvantage generates:

- Bi-directional visibility into UNIX permissions, including a unified view of UNIX and POSIX ACLs on multiple UNIX and Linux servers
- Complete audit trail of file access and change events
- Recommendations on removing excess permissions and modeling of changes
- Data ownership identification through analysis of user activity

VISIBILITY INTO PERMISSIONS

By combining user and group information taken directly from LDAP, NIS, or other directory services, DatAdvantage gives organizations a complete picture of the permissions structure of their UNIX file system infrastructure. 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, and easily identifies and reports on world-writable files. A graphical user interface (GUI) is available to manage traditional UNIX ACLs and POSIX ACL's on multiple UNIX/Linux platforms. Flag, tag and annotate your files and folders to better track, analyze and report on users, groups and data.

COMPLETE AUDIT TRAIL

DatAdvantage monitors every touch of every file on the file system and stores them in a normalized database that is sortable and searchable. Detailed information on every file event is provided, and all this data can be reported on and provided to data owners. Data collection does not require native UNIX auditing.

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 process. DatAdvantage also provides the ability to model permission changes in a sandbox so changes can be simulated without affecting a production environment, including world-writable files and directories.

DATA OWNERSHIP IDENTIFICATION

Because there is an audit of every file event, DatAdvantage can perform statistical 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.

SUMMARY

With Varonis DatAdvantage for UNIX, you can achieve enterprise-wide data governance through effective and efficient data controls that ensure proper data use and allow you to meet any legal, financial, intellectual property and data privacy requirements for your UNIX data.