

VARONIS® DATADVANTAGE® FOR UNIX/LINUX

Features And Benefits

Visibility

Increased data protection

A single view of user/group/data relationships, including access permissions and how they were assigned.

Adaptive Data Authorization

Automated and scalable data access controls

Accurate recommendations about who should be removed from having access to a given data set based on their usage patterns and business need.

Data Ownership Identification

Faster IT operations and helpdesk response

Lists the names of likely business owners for any given data set.

Data Usage Auditing

Documented and actionable audit trail

Granular data use audit information, down to the file level. Reports can be generated for any given time interval and sent on a custom defined schedule.



Varonis® DatAdvantage® for UNIX/Linux Comprehensive UNIX/Linux Data Governance

CHALLENGE

Every enterprise has to answer the questions: Who is accessing data, how are people accessing it, and who should be entitled to access? These seemingly straightforward questions are nearly impossible to answer accurately and easily at any given moment.

Why? Because IT personnel, UNIX/Linux system administrators, storage managers, directory managers, helpdesk staff and all parties responsible for the volumes of UNIX/Linux file share content and user repositories have no visibility either to the data permissions as set or the entitlements as they should be. The process of defining data access is almost entirely manual and the people managing it have no context for the data or what constitutes proper use. Moreover with user roles and file share content changing so quickly it is actually impossible to keep data entitlements current even with a large number of staff.

This situation puts important data at risk, and makes data access management extremely expensive and ineffective.

SOLUTION

Varonis makes the platform and applications that actualize data governance for UNIX/Linux. The Varonis® DatAdvantage® for UNIX/Linux software solution aggregates user, data and access event information from UNIX/Linux directory services and file shares. 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 generates:

- The picture of user/data permissions
- Data authorization recommendations
- A thorough audit of data use

INSTANT VISIBILITY INTO WHO CAN ACCESS

With Varonis DatAdvantage for UNIX/Linux, you can see individual users and the groups they are part of, drawn directly from your user repository. You can also see every folder and file on your file shares. And with Varonis, you can now connect the two. With just a few clicks you can see exactly who has access to a folder, what type of access they have (read, write, execute) and how those permissions were assigned.

RECOMMENDATIONS ON WHO SHOULD ACCESS

DatAdvantage for UNIX/Linux also gives you the means to correct overly permissive or unwarranted access. By analyzing data usage patterns, the application determines which users have rightful access to data and who should be removed. IT can verify the DatAdvantage for UNIX/Linux access recommendations and see the impact of the changes in a "sand box."



A DETAILED AUDIT OF ACCESS & USE

DatAdvantage for UNIX/Linux shows exactly who accessed what data right down to the file name. Administrators can get details on the access frequency and type (create, delete, open, etc.). Comprehensive audit reports are available for all aspects of data use (user activity, critical folder access, entitlement changes, etc.) and can be generated for any given day or time interval. Data business owners, auditors and other responsible parties can receive the reports on a custom defined schedule.

With Varonis DatAdvantage for UNIX/Linux 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.

SPECIFICATIONS

UNIX/Linux directory services:

LDAP v3
NIS
Local accounts

UNIX/Linux file shares:

Data access auditing
Red Hat Enterprise Linux 4 and 5
Network Appliance filers
Solaris 8, 9 and 10 file shares
File share visibility (hierarchy, permissions, etc.)
All UNIX/Linux file shares

UNIX/Linux file systems:

UFS
ZFS
NetApp WAFL
And most others

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