Lepide

Datasheet

Lepide for

WINDOWS FILE SERVER

Summary

Data Classification

See what sensitive data you have, where it is, who has access to it and what changes are being made to it..

Detailed File Auditing

Track access attempts and changes to your files and folders with granular who, what, when and where information.

Mobile App

Get critical audit information and a real-time live feed on the go with our dedicated Lepide Mobile App.

Audit File Copy Events

Understand when your users are copying your files to help maintain security and integrity of data.

Alerting and Reporting

Real time alerts, threshold alerts and pre-defined reports for all security and compliance needs.

Data Access Governance

Determine who has access to which files and folders to help spot over-privileged users and at-risk data.

Key Security Features for Windows File Server

Deploying a File Server auditing solution helps you get more visibility into the changes taking place to your critical data stored in your File Servers. Real-time alerting, pre-defined reports and powerful File Server auditing capabilities, enable you to get a better understanding of user behavior surrounding your data. Here are just some ways in which our File Server auditor can help your business.

Track Changes to Your Sensitive Data

Through an intuitive dashboard, you will be able to easily track changes occurring across the whole of your File Server environment. Get an overview of the total number of changes made to File Server; broken down per administrator, source and trend. This should help you not only understand the causes of a single change, but help you spot overall anomalies in events. The Live Feed shows you all File Server changes made as they are happening so that you can react to them quicker.

Spot Anomalies in User Behavior

Through our intelligent anomaly spotting technology, you will receive real time alerts and reports whenever users make changes to your data that are abnormal or suspicious – including single point anomalies. The User and Entity Behavior Analytics section allows you to determine why something was flagged as an anomaly based on a pre-defined learning period and several factors, including time, event criticality, operation and location.

Track Changes with a Mobile App

With our Lepide Mobile App anyone with an Android or Apple based phone, tablet or watch can receive a live feed of changes as they happen and real time alerts on events wherever they are. The Lepide Mobile App allows anyone to keep up to date with the state of their data security whilst on the go.

Intuitive Dashboard

The earlier you can react to File Server changes, the easier it is to mitigate the damage that can occur. To do this, Lepide offers real time alerts based on a single event or based on threshold conditions that have been defined by the user. For example, we can set an alert to be sent to the intended recipients if an event occurs a certain number of times over a defined period of time. This kind of alerting enables you to spot trends in changes that may be indicative of unauthorized or inappropriate activity.

Meet Compliance Requirements

Lepide addresses the ever-increasing demand to prove to auditors that adequate steps are being taken to ensure data is being responsibly monitored. It provides a wide range of detailed reports that directly map to the common requirements of compliance standards; such as PCI, SOX, HIPAA, GLBA, FISMA, CCPA and GDPR.

Real Time Alerts and Pre-Defined Reports

Lepide Data Security Platform displays a single log for a single change that gives you the answers to the "who, what, when and where" auditing questions. This data is collected and presented

through predefined audit reports aimed at helping you solve all manner of security, compliance and IT operations challenges. Every change made is displayed with before and after values to provide you with helpful context. You can customize these reports with auditing functions and create dedicated reports to track a specific file, folder, user or operation.

What We Audit in File Server

NetApp Filer Changes

Through our integration with the Fpolicy framework and the assigned file policy, we're able to capture events to audit and monitor file and folder activity on your NetApp through CIFS. We treat NetApp Filers the same as we would any traditional Windows File Server; auditing all changes to files and folders, share, permissions, and more.

Data Interactions

Our file server auditor is a simple way of keeping track of all changes as they happen. The predefined audit reports contain details regarding all attempts of file or folder creation, deletion, copy, move, rename, and other modifications. We also detail the time, drive, folder, file name, process and event. You can track what has happened to a file or folder since its creation, see who has accessed or modified it, and ultimately who has deleted it.

Current Effective Permissions

Current Permission analysis of file servers shows the effective permissions applied on the Shared Folders. Our solution compares the applied NTFS with the Share Permissions to analyze the currently effective permission on a selected file or folder. It also displays the scope of the applied permission by showing the

folder level where permission inheritance gets broken and whether the effective permission is direct, indirect or inherited. Reports can be filtered, sorted, saved and investigated for all 13 possible permissions.

Permission Changes

Privilege management is essential in modern businesses. It's vital you know when permissions are being changed, who's changing them, what has been changed and from where the change was made. Using Lepide File Server Auditor will allow you to view a specific file or folder and instantly see the permission changes. It provides real-time alerts with advanced filtration and a threshold limit to keep you up to date on every critical permission change.

Access

All access attempts made to files and folders are audited by our File Server Auditor. The solution creates dedicated, in-depth auditing reports for different access types; such as read successful, read failed, creation failed and more. You can also configure the solution to send real-time alerts for these access attempts.

Sharing

With our File Server auditing solution, you can audit all changes to shared files and folders including their permission changes. The dedicated reports help keep you aware of every change being made. You can customize these reports with auditing functions and create dedicated reports to track specific files, folders, users or permissions. We let you determine the effective permissions applied to the shared files and folders with an inbuilt "Current Permission

Report". This report compares the NTFS with the Share Permissions to evaluate the current effective permissions on a selected shared file or folder.

Before and After Values

Naturally – you want to know if any of your files have been modified but the real value comes from the context. We think it's important to show you what it was changed from. The before values allow you to truly understand the purpose of the event and enable IT teams to identify issues faster.

File Copies

While it's fair to say we're not the only provider of file auditing and monitoring solutions on the market we're actually one of the very few that can accurately show you when a file has been copied. We think this is pretty important when trying to keep track of your critical data. Especially given that copied files are the main source of data leakage.

Incident Response

Lepide File Server Auditor lets you prepare a quick Incident Response by allowing you to run your own custom script with the alerting of selected critical changes. You can perform automated tasks defined in your script; including disable a user account, delete a user account, revoke the permission granted to a user or shut down a computer. For an example, you can set the solution to delete a user who has deleted multiple files. Yes, you can set to get notifications for both critical changes and script execution.