

# Nutanix and Varonis - Superior Security for Your File Storage

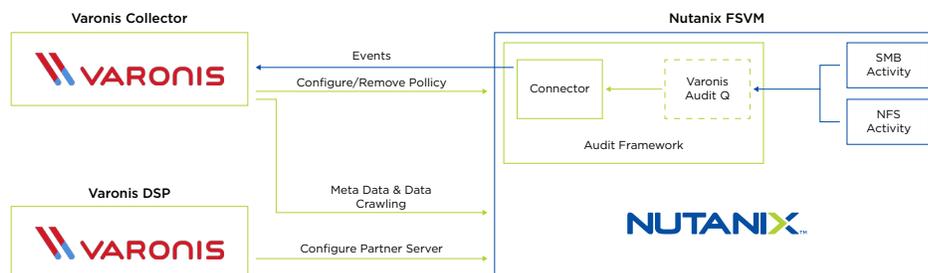


Data is growing faster than security, and IT professionals can manage with manual processes and traditional tools. With Nutanix and Varonis, organizations gain the visibility and necessary control to secure their data at scale.

Nutanix Files is a NAS solution for unstructured data that keeps vast amounts of metadata on stored files. Metadata includes full user audit trails, access control lists, and file properties like size and access dates. Nutanix File Analytics provides insights to analyze this data at a glance and drill down into the data's history to spot anomalies and trends. Native file blocking and ransomware monitoring provide superior protection against threats.

Varonis extends these capabilities by securing your data on Nutanix and other data stores from unauthorized access and cyberthreats by analyzing data activity, authentication events, and perimeter telemetry. Varonis combines these elements to detect behavioral abnormalities that could indicate a threat and help mitigate the impact of breaches by locking down open access to data. Only Varonis can automate remediation at scale, helping secure the data that matters most.

Varonis integrates with Nutanix Files by leveraging its native auditing API to get user activity like file reads, deletes, and permission denials in real-time. Varonis also crawls the file shares to collect folder structure, user permissions, and file content for automated data classification.



Thanks to this integration and validation, the Varonis Data Security Platform now supports monitoring and securing Nutanix Files, including DatAdvantage, DatAlert/DatAlert Analytics, DataPrivilege, Data Classification Engine, DatAnswers, Automation Engine, and Data Transport Engine. The Varonis suite helps you protect sensitive data, audit activity, and detect and respond to threats.

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## PROTECT SENSITIVE DATA

Nutanix is built to handle billions of files and tens of thousands of user sessions. Ensuring that such a large volume of data is secure can be difficult. Varonis collects metadata to understand file system structures, permissions, user activity, and the classification of file content, assisting organizations in identifying where they have sensitive data that is stale, overexposed, and potentially at-risk. Using Varonis, you can safely move stale data to optimize storage or restrict access to ensure data is secure and protected. No matter how large your data storage needs become, Nutanix and Varonis can scale to meet your file storage and protection needs.

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## AUDIT DATA ACTIVITY

Nutanix Files monitors file system usage, such as which users are creating, accessing, moving, deleting, and modifying files, as well as changes to permissions and permission denials. By layering Varonis onto your Nutanix environment, you can put that audit trail into context by adding in classification, geolocation information, tying users to devices, and more, giving administrators and security analysts the ability to understand how data is being accessed and used. Along with mapping who can access your data, Varonis reveals who uses their access within your Nutanix Files environment, showing where data is overexposed, and can safely automate changes to access control lists and security groups.

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## DETECT & RESPOND TO THREATS

Varonis helps you further secure Nutanix Files and protect your sensitive data with automatic alerting that triggers when anomalous and malicious activities are detected. Varonis uses machine learning algorithms to create baseline behavioral profiles that are used to alert on abnormal user behavior like suspicious data access, lateral movement, and privilege escalation. When Varonis detects a threat, automated responses can be triggered to shut down user sessions or change passwords, stopping attacks before significant damage can be done.

**Contact Us** - Schedule a demo with our expert engineers to learn more about the Nutanix-Varonis integration.



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