

Nutanix Data Lens

Intelligent Data Security and Ransomware Resilience, On-Premises and in the Cloud

Nutanix Data Lens is a data security, analytics and governance solution offering ransomware resilience and deep insights into unstructured data stored in Nutanix Files Storage, Nutanix Objects Storage, and Amazon S3 repositories.

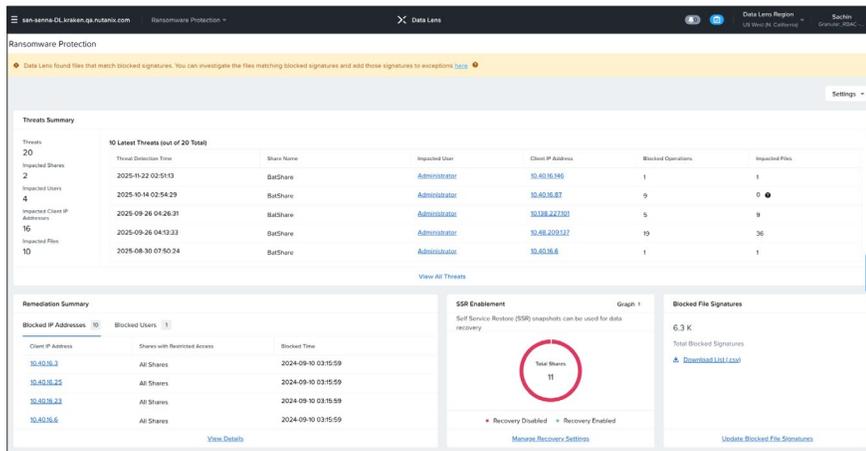
Integrated Ransomware Resilience and Global Data Visibility

Data security is not optional. With businesses being impacted by ransomware attacks, proactive measures are key to staying ahead. Unstructured data is particularly vulnerable due to its scattered nature, weakened access controls, diverse formats, and lack of encryption. Distributed and uncontrolled AI data also creates vulnerabilities that are prone to devastating attacks. While network and platform security are crucial, data-level security is a critical final line of defense. Nutanix Data Lens provides the ransomware resilience and global data visibility every business needs to defend against, block, and recover from these threats.

Key Benefits

- Global data visibility to assess and mitigate security risks by identifying anomalous activity
- User behavior auditing
- Bidirectional permission visibility and risk scoring
- Efficient data lifecycle management

To meet the diverse needs of modern enterprises, Nutanix Data Lens is available with deployment flexibility. In addition to the established SaaS-based model, Data Lens can also be deployed on-premises, directly within your own datacenter. This is ideal for organizations with “dark sites” or those in highly regulated industries who require data and metadata to remain on-premises for security and data privacy.



Strengthen Your Ransomware Posture

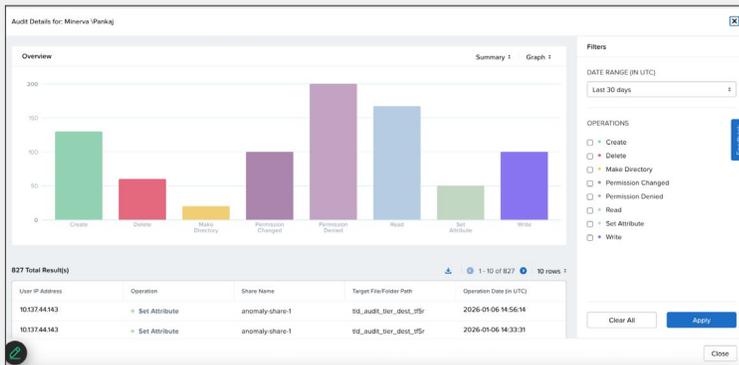
Nutanix Data Lens empowers businesses to implement a NIST-compliant data security strategy. With 6,600+ (and constantly growing) recognized ransomware signatures and intelligent, behavior-based anomaly detection, security and storage teams can detect and block threats in their tracks. Nutanix Data Lens can detect and block threats quickly, thereby minimizing the exposure window and accelerating recovery. As the final line of defense, Data Lens offers 1-Click Recovery from the last good snapshot for minimal data loss.

Global Data Visibility and Root Cause Analysis

Nutanix Data Lens provides audit and compliance assistance with global data visibility, permissions analysis, and risk visualization. With comprehensive data visibility, identifying the root cause of threats is simplified. The addition of permissions and risk visualization gives you insights into points of cyber and insider threats in your environment to reduce data risk.

Optimize Primary Storage and Minimize Cost

Data Lens offers data lifecycle management, including smart tiering and data age analytics. This begins with understanding data usage to identify cold, warm, and hot data. You can then tier off cold data to less expensive on-prem storage or S3-compliant (e.g., AWS, Wasabi, and Nutanix Objects Storage) and Azure Blob targets. Tiering cold data minimizes costs and optimizes primary storage performance by freeing up capacity.



Features/Capabilities

- **Deployment Choice:** Available as a cloud-based SaaS solution or as a self-managed, on-premises deployment for data sovereignty.
- **Advanced Threat Detection:** Detect and block 6,600+ signature-based ransomware threats and behavioral pattern-based threats.
- **Rapid Recovery:** 1-Click Recovery prompts recovery from the last clean snapshot available.
- **Historical Audit Trails:** Detailed, searchable record of all user, file, and object activity, streamlining compliance reporting and forensic investigations.
- **Storage Optimization:** Use data lifecycle management to tier off cold data into S3 (AWS, Wasabi, Nutanix Objects Storage) and non-S3 (Azure Blob) targets to optimize storage and cost.
- **Deep Analytics:** Identify the root cause of threats and monitor data through customized and automatic reporting.
- **Risk Analysis:** Understand bidirectional permission structures and conduct risk analysis using relative risk score trends over time.



On-Premises Deployment for Full Control and Data Sovereignty

While the SaaS version of Data Lens offers convenience, many organizations require a solution that keeps all data and metadata within their own datacenters. The on-premises version of Data Lens addresses this need, providing a scalable and powerful solution.

Key Benefits of the On-Premises Version of Data Lens:

- **Deployment Flexibility:** Deploy Data Lens as a self-managed application in your private cloud or have it managed by an MSP.
- **Sovereign Cloud Power:** All metadata and analytics remain on-premises, so no data is transmitted outside your infrastructure using Data Lens.
- **Complete Upgrade Control:** You decide when to perform upgrades, aligning with your internal change management policies and timelines.
- **Reliable, Controlled Performance:** Gain full control over the performance, latency, and availability of your data analytics platform by dedicating your own infrastructure resources.
- **Seamless Deployment:** Deploy Data Lens as an app directly from the Nutanix Marketplace for a simple and integrated experience within the Nutanix platform.
- **Single Integration Access Control:** PC-based authentication and IAM-based authorization for greater security.

Don't Just Take Our Word For It... Try It Free!

Existing Nutanix Unified Storage customers can experience robust ransomware resilience and data visibility with a free trial! Onboarding is simple—reach out to your account manager or datalens@nutanix.com to learn more about how you can experience Nutanix Data Lens firsthand.

Visit our site to get started. Learn more at www.nutanix.com



We needed a scalable solution that could give insight into our data, auto-tier older data to S3 where it would be easily accessible and empower our users to reclaim storage as we grow. Nutanix Data Lens helps us manage our big data assets across geo-located datacenters, so we remain compliant with our security policies for Ransomware protection—all from a single management view.”

Garth Brockton
Group IT Manager, ARRB Systems RA

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