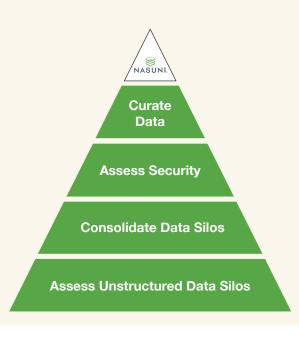# Nasuni 'Fit for AI' Framework

AI has revolutionized the meaning of data: it has gone from a cost needed to be managed, to an asset that can be harnessed. The Nasuni 'Fit for AI' framework will help transform your file data from unstructured chaos into consolidated order.

Unstructured data, is traditionally challenging to manage, and prone to becoming 'dark' after 60 days of inactivity, creating what is essentially an unstructured 'data lake' within organizations. AI presents an opportunity to illuminate this data shadow, altering its value metrics. Companies, however often grapple with scattered unstructured data across various storage silos, leading to increased costs, compliance issues, and challenges with creating a single-source-of-truth, which is essential for AI integration.

Nasuni 'Fit for AI' Value Pyramid

The fragmented landscape of scattered and opaque data silos hinders insights, making the 'Fit for AI' framework crucial for converting file data fragmentation into consolidated intelligent assets that fuel enterprise growth.

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Assess Unstructured Data Silos

Initiating the path toward a unified data repository conducive to AI pipelines requires a comprehensive evaluation of the existing landscape of corporate file assets within an organization. Nasuni can help facilitate this crucial first step by assessing storage silos and offering a business value assessment. Nasuni professional services collaborates with organizations, leveraging their vast expertise to analyze the current file data storage environment, assess space usage, and meticulously plan migration for a seamless transition to a global namespace of file data assets.

Evaluate data stored outside of Nasuni. Understand where and how data is stored outside of Nasuni and formulate a plan for consolidation.

Consolidate Data Silos

Starting the process of combining several file data repositories requires moving data to Nasuni to get to the single-source-of-truth that AI requires. This process is accelerated by Nasuni's data migration services. Drawing from extensive experience with numerous successful migrations and deployments, Nasuni delivers a low risk and efficient implementation, leveraging technologies, consulting services, and a well-defined project scope. This consolidation of file silos, backup software, sync tools, etc., into the streamlined Nasuni Management Console leads to immediate operational benefits, with customers reporting a 60% reduction in both time and cost related to managing infrastructure.

Consolidate unstructured data silos into Nasuni. Nasuni data migration services can make this process transparent.

Assess Security

As malicious ransomware attacks become more sophisticated and begin to target AI infrastructures, organizations should reassess existing security gates and prioritize comprehensive protection for AI information stores. The Nasuni File Data Platform, with its global namespace and immutable snapshot protection, serves as a crucial defense. Complementing this, Nasuni offers a comprehensive suite of ransomware services, detecting threats to file data at the network edge and providing timely notifications to IT teams. Mitigation policies curtail business impact pre-emptively, facilitating swift recovery of impacted files and users.

Review unstructured data security 'gates' assessing detection, protection, and time to recover. Nasuni snapshots and ransomware features should be evaluated at this stage.

Curate Data

Analyzing fragmented data across isolated systems can lead to costly integrations, flawed insights, and suboptimal returns on investment. Nasuni IQ, a file system management tool that is an integral part of the core platform, employs specialized data intelligence tools to comprehensively analyze the composition and utilization of unstructured file data.

Through interactive usage dashboards, organizations gain insights into storage consumption at the department and file type levels, identifying less frequently accessed subsets earmarked for archive. Activity dashboards utilize embedded metadata, including file owners and update timestamps, guiding policy decisions.

Additionally, Nasuni's integration with identity management systems streamlines the highlighting of group permissions and access control lists, informing consolidated security protocols.

Nasuni Edge Devices Facilitate Streamlined AI Workflows

As businesses work towards greater automation through AI, Nasuni plays its part by facilitating seamless data convergence at the edge by simplifying the coalescing of edge data back into a global namespace. This process seamlessly fuels the continuous data pipelines required by AI systems. Nasuni captures changes to the files across all edge geographies and locations, transparently synchronizing the changes so that local file data can easily be combined into the Nasuni global namespace and ultimately made available to cloud AI services.

Nasuni's 'AI Ready' framework serves as a guide for organizations navigating the transformative landscape of AI, helping convert unstructured file data chaos into consolidated assets that fuel enterprise growth. By assessing, consolidating, securing, curating, and facilitating streamlined AI workflows, Nasuni addresses the challenges of scattered data silos, providing a comprehensive solution to harness the true potential of data as a strategic asset in the era of AI.

Learn more

Reach out and let us help you get your corporate file data ready for AI at www.nasuni.com

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ABOUT NASUNI CORPORATION

Nasuni is the leading hybrid cloud storage solution that powers business growth with effortless scalability, built-in security, and fast edge performance using a unique cloud-native architecture. The Nasuni File Data Platform delivers operational excellence by consolidating NAS and backup, eliminating data silos, and making management easy and flexible without changes to apps or workflows. Its built-in security offers proactive defense and rapid recovery, lowering organization's risk from the detrimental effects of ransomware attacks and other disasters. Synchronized access to file data everywhere ensures user productivity by supporting remote and hybrid work. For more information, visit www.nasuni.com.

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