

Nasuni's AI Readiness Self-Assessment



Unlocking the power of artificial intelligence (AI) starts with getting your data house in order. Organizations need to consolidate and unify their currently fragmented unstructured file data into a comprehensive, unified architecture to enable AI success. This self-assessment provides key considerations across four crucial areas—Assess, Consolidate, Secure, and Curate—to help evaluate your enterprise's readiness to pursue AI by establishing a trusted data foundation.

First understand your current data environment, second tackle consolidation, third enforce governance, and finally ensure quality data is flowing into the unified structure. Leverage the steps outlined below to get your data ready for AI strategies while avoiding pitfalls from poor data practices.

ASSESS

- Map** all existing file repositories, including legacy systems, network drives, and cloud storage, to get an accurate file data landscape.
- Review** existing file repositories (type, age, size, owners, access levels, last accessed etc.) for data visibility and ultimately to form a decision on whether data needs to be migrated or archived.
- Quantify** the costs and resource requirements associated with the current file architecture and fragmentation. Consider aspects such as data duplication, fragmented management, security, and accessibility in your comprehensive analysis.
- Consider** the opportunity costs of not consolidating file data into a single source of truth, which will ultimately become the sole source of knowledge for AI systems.

CONSOLIDATE

- Build** a business case highlighting the ROI of data consolidation for AI readiness.
- Determine** best fit storage architecture and surrounding technologies for future requirements.
- Develop** a timing and migration strategy for moving data into a unified global file system.

SECURE

- Re-evaluate** disaster recovery protections and backup capabilities for the consolidated file repository.
- Examine** not only prevention / detection strategies but also evaluate 'time to recovery' if the worst should occur.
- Contemplate** compliance strategies and potential impacts on data integrity.

CURATE

- Profile** the consolidated file data set by generating summary statistics of file contents and metadata using analytics tools.
- Determine** suitability of the file data using analytics for the intended AI models.
- Review and evaluate** the quality of data before incorporating it into AI services. Ensure the data planned to be used for AI models is accurate and relevant.
- Consider** file access controls and if/how they impact the AI pipeline for the intended data set.

The self-assessment above is a quick view to help you prepare for your AI initiatives. Reach out and let us help you get your corporate file data ready for AI.