Software-Defined Storage Controller-as-a-Service

Akita's Software-Defined Storage Controller as a Service provides centralised, policy-driven control of storage environments without the complexity of managing underlying infrastructure components directly. It enables public and private sector organisations to govern capacity, performance, and access consistently across virtualised and software-defined storage platforms.

Centralised Control

Delivered through a secure, cloud-based control plane, our service acts as a single point of management for supported storage environments. From this interface, storage policies, configuration standards, and capacity allocation can be defined and enforced centrally. This improves consistency, reduces operational overhead, and supports scalable growth as storage demands change.

Policy-Based Automation

Policy-based storage allocation ensures workloads receive the appropriate performance and capacity based on business need, rather than manual intervention. Automated provisioning and configuration workflows reduce deployment time while lowering the risk of misconfiguration.

Monitoring And Governance

Continuous monitoring of storage performance, utilisation, and health metrics provides visibility into consumption and optimisation opportunities. Role-based access control ensures only authorised users can manage storage functions, supporting governance and security requirements.

Operational Outcomes

Overall, software-Defined Storage Controller as a Service simplifies storage operations: improving control and providing the operational insight required to manage modern, virtualised storage environments efficiently and securely.

Service Benefits

- **Simplified operations:** Centralised control of software-defined storage removes the need to manage physical infrastructure
- **Improved visibility:** Clear insight into performance, capacity usage, and health
- **Lower overhead:** Reduced operational effort through unified storage management and automation
- **Policy consistency:** Standardised storage policies applied consistently across environments
- **Resource efficiency:** Better allocation and utilisation of storage capacity
- **Reduced risk:** Policy-based management lowers chance of misconfiguration
- **Stronger governance:** Improved operational resilience through access control and oversight
- **Scalable management:** Storage environments can scale efficiently as organisational requirements grow