

Automation Services for Storage

Remove infrastructure roadblocks to drive innovation forward

SUPPORTED PLATFORMS

- PowerStore
- PowerScale
- PowerMax
- Unity

ESSENTIALS

- Implement 3rd party automation tools and develop storage provisioning and allocation automation use cases
- Implement Infrastructure as Code targeted towards high value Day 2 use cases
- Develop critical skills needed to manage, automate and operate an automated storage solution
- Decide from flexible options—we train you to manage the platform, or we can manage it for you.

Business Challenges

For many organizations, inefficient access to storage resources constrains innovation. Developers and data scientists wait weeks for storage administrators who are spending most of their time on repetitive manual tasks.

Organizational data storage footprints have grown out of control as individual teams buy their own public cloud storage to avoid lengthy internal requests for storage resources. With these growing footprints, IT executives are tasked with driving operational efficacies and cost reduction for their storage platform and management.

As organizations look to not only reduce storage costs but also gain greater control over data sovereignty, policies, standards, quotas and access the question becomes how to operate a responsive storage footprint for employees that also provides control of the footprint.

Service Description

Automation Services for Storage leverages prepackaged orchestration and automation code to manage storage quotas, polices, and access reducing operational toil for storage administrators. Automated storage operations provides faster fulfillment of resources removing roadblocks for innovation. Incorporating skill building, the storage administrators role then transforms from manual operations to managing the automation platform.

Our prepackaged Infrastructure as Code provides rapid deployment to cover high-value, day 2 storage automation provisioning use cases including access zones, user groups, quotas and snapshots:

- Automate approval and set-up processes
- Accelerate storage provisioning
- Reduce tedious manual operations

With collaborative on-site implementation, we can train your team with the critical skills to manage a storage automation platform, or if you prefer, let us implement and manage it for you.

Deliver an on-demand storage experience on premises

Automation and integrations are the keys to achieving both efficiency and control. Adding storage integration services in tandem with automation facilitates the ordering and provisioning of storage resources on-demand. Together, they create an on-demand experience similar to what your business stakeholders experience from the public cloud. Driving self-service consumption of internal storage resources not only will delight your developers and data scientists but reduce storage operations costs.



Automate: Implement orchestration and code to automate storage operations and provisioning—reducing operational toil for the storage administrator. Infrastructure as Code provides prepackaged script to quickly and reliably scale automated storage operations.

Available services include: Foundational storage automation use cases, managing access zones, managing LDAP authentication provider, error checking, managing smart quotas, implementing data exports



Integrate: Drive consumption of on-demand storage provisioning, decommissioning and updates with a standardized catalog of storage services. Integrating ServiceNow allows your business users to transact and order storage services on-demand

Available services include: Integration with ServiceNow, Storage catalog creation, automated ordering and provisioning, Role-based access controls, automated quota approval process, configuration management



Enable: Most organizations lack the skill sets to manage automation. Whether you prefer to train your team or outsource automation management, we offer the education and managed services offerings for you to acquire automation capabilities. We can temporarily augment data center staffing during or after implementation with an on-site data center expert.

Available services include: Learning Accelerator Program, product training, automation skills training, agile role-based training, DevOps training, managed services, residency

Summary of Benefits

Reduce operational toil for storage administrators. Offer a relevant catalog of storage resources for business stakeholders. Provide fast fulfillment of enterprise storage resources to increase adoption. Remove infrastructure roadblocks to drive innovation forward

For more information, contact your [Dell Technologies sales representative](#).