

OneConsole Services

NetApp Console (OneConsole) groups its capabilities into a set of core “services” or functional areas; the most important ones are the centralized storage management, NetApp Data Services orchestration (protection/governance/AI/mobility), observability/insights, automation/API, and lifecycle/admin services like licensing, updates, and alerts.^{[1][2][3]}

Below is a concise breakdown you can use directly in training material.

Core platform and administration

- Identity and access management (IAM): Centralized access control and role-based administration for Console and attached systems.^{[4][1]}
- Console agents and deployment modes: Ability to run Console as SaaS or self-managed (on-prem/cloud), with agents discovering and managing on-prem and cloud file services.^[5]
^[4]
- NetApp Console administration: Initial setup, access management, and overall platform configuration.^{[2][1]}

Storage management services

- Storage management (on-prem + cloud): Centralized management of ONTAP systems and NetApp cloud services (Cloud Volumes ONTAP, Azure NetApp Files, FSx for ONTAP, Google Cloud NetApp Volumes) from a single interface.^{[6][2]}
- Storage operations workflows: Wizard-driven provisioning, protection, monitoring, and optimization workflows for ONTAP storage and file services.^{[7][4]}
- Storage system alerts: Real-time alerting for ONTAP on-prem systems, with actions from Console.^[2]
- Sustainability: Monitoring of environmental impact (power, efficiency) of systems to support sustainability goals.^[2]

NetApp Data Services (protection, AI, governance, mobility)

NetApp brands these collectively as “Data Services for ONTAP environments,” all enabled and managed via Console.^[3]

- Protection services:
 - o Backup and Recovery – policy-driven backup for ONTAP systems.^[3]
 - o Disaster Recovery – DR workflows, especially for VMware workloads.^[3]
 - o Replication – fast data replication between ONTAP systems.^[3]
 - o Ransomware Resilience – AI-driven orchestration of ransomware defense.^[3]
- AI services:
 - o AI Data Engine – data discovery, curation, guardrails, and vectorization to simplify GenAI/AI data pipelines.^[3]
- Governance services:
 - o Data Classification – discovery, mapping, and profiling of data to meet governance/compliance requirements.^[3]
 - o Data Infrastructure Insights – deep observability, optimization, and security across on-prem and public-cloud infrastructure.^{[2][3]}
- Mobility services:
 - o Tiering – automatic movement of cold data to object storage.^[3]
 - o Copy and Sync – copy/sync/move unstructured data across hybrid multicloud environments.^[3]
 - o NetApp Data Migrator – migration of file data and metadata to NetApp cloud with visibility.^[3]

Automation, API, and observability

- API service: Programmatic administration of cloud-based resources and Console-managed entities.^[2]
- Automation hub: Scripted solutions that automate deployment and integration of NetApp products and services (essentially a catalog of automation content).^[2]
- Data Infrastructure Insights: Performance and health monitoring, troubleshooting, and optimization across the entire infrastructure (cloud + data center).^{[2][3]}
- Digital advisor (Active IQ): Actionable intelligence for ONTAP storage health, risk remediation, and optimization.^[2]

Lifecycle, licensing, and update services

- Licenses and subscriptions: Central view and administration of licenses/subscriptions, usage, and cost patterns.^{[7][2]}
- Lifecycle planning: Recommendations for systems nearing capacity, end of service life, and general lifecycle milestones.^[2]
- Software updates: Assessment, planning, and execution of ONTAP upgrades via Console workflows.^[2]

You can present the “most important” services like this:

Area	Service / Feature	Primary purpose
Platform & admin	IAM, agents, modes	Secure access, discovery, SaaS/self-managed deployment. ^{[1][5]}
Storage management	Storage ops, alerts, sustainability	Provision/manage ONTAP & cloud storage, alerts, env. metrics. ^{[2][4]}
Protection	Backup, DR, replication, ransomware	End-to-end workload and data protection. ^[3]
Governance & insights	Data Classification, Insights, Active IQ	Observability, compliance, storage health. ^{[2][3]}

AI	AI Data Engine	AI/GenAI data pipeline enablement. ^[3]
Mobility	Tiering, Copy and Sync, Data Migrator	Tiering and data movement across hybrid multicloud. ^[3]
Automation & API	API, Automation hub	Scripted and programmatic operations. ^[2]
Lifecycle & licensing	Licenses, lifecycle, updates	License visibility, capacity/EoL planning, ONTAP upgrades. ^[2]