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Brochure

DATA SERVICES CLOUD CONSOLE

Transforming storage and data management—edge to cloud



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Data Services Cloud Console accelerates data-driven transformation by delivering cloud operational agility for infrastructure and simplified data management across clouds. It's your one destination to unify data operations, edge to cloud.

IT'S TIME TO TRANSFORM HOW YOU MANAGE DATA AND INFRASTRUCTURE

Every organization wants to unleash the power of their data to drive digital transformation. But fragmented data management tools, manual processes, and infrastructure silos spanning edge to cloud are impeding data-driven innovation and agility and creating business risk.

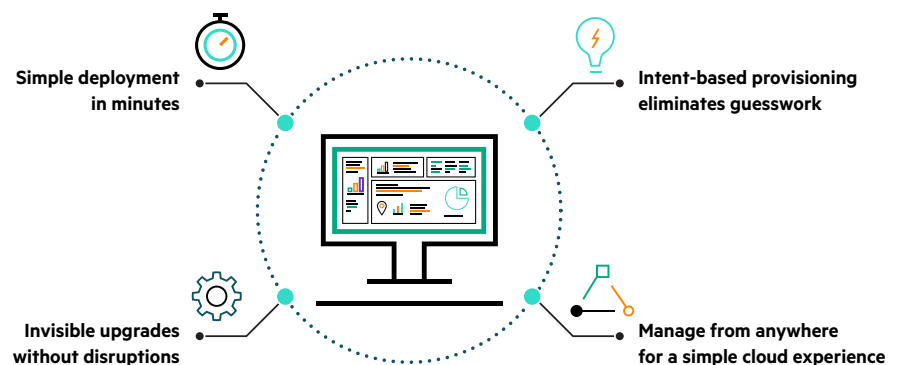
Data Services Cloud Console breaks down the barriers and removes the complexity that beset data and infrastructure management today—empowering organizations to transform faster with unified data operations as a service. It's a software-as-a-service (SaaS)-based console that delivers a suite of cloud services designed to bring the cloud experience to wherever data lives, unify data management across the data lifecycle, and accelerate innovation for data-driven apps and insights.

Data Services Cloud Console is built on a unique cloud-native architecture that automates and orchestrates infrastructure and data workflows, transforming complex data operations into a streamlined data management experience across clouds.

DELIVER CLOUD OPERATIONS

Data Services Cloud Console enables a cloud operating and consumption experience for data infrastructure. Separating the data infrastructure control plane from the underlying hardware and moving it to the cloud unifies distributed management silos under a single web interface, enabling one, consistent experience across edge to cloud.

The cloud console simplifies infrastructure at scale with cloud agility across the lifecycle, so managing hundreds of systems is as simple as managing one.



- **Intent-based provisioning**—Simplify provisioning at scale with automatic, optimized app deployment across a global fleet. Transform storage provisioning from a LUN-centric, manual process to an intent-based, AI-driven approach that optimally determines where data should be stored—with real-time context to resource headroom and application-specific SLAs.
- **Simplified deployment**—Deploy new data infrastructure in minutes with automated discovery and activation. Simply cable up the system, turn it on, and Data Services Cloud Console is designed to do the rest.

- **Invisible upgrades¹**—Get cloud-delivered software upgrades that are automated, non-disruptive and policy driven. Update firmware with a click of a button across an entire worldwide fleet of data infrastructure.
- **Manage from anywhere**—Have everything you need at your fingertips. Manage and monitor infrastructure globally with an intuitive SaaS-based user experience accessible from any location and any device.
- **Automate at scale**—Manage infrastructure at cloud speed and scale with a fully programmable universal application programming interface (API). Easily orchestrate infrastructure as code with a single API endpoint for edge-to-cloud data infrastructure.

Data Services Cloud Console makes managing infrastructure effortless, enabling IT to refocus resources and skills to higher-value strategic initiatives.

UNIFY DATA MANAGEMENT

Data Services Cloud Console provides the foundation for Cloud Data Services that will enable a unified experience for data managers and data innovators to access, protect, search, and mobilize data across edge-to-cloud data infrastructure.

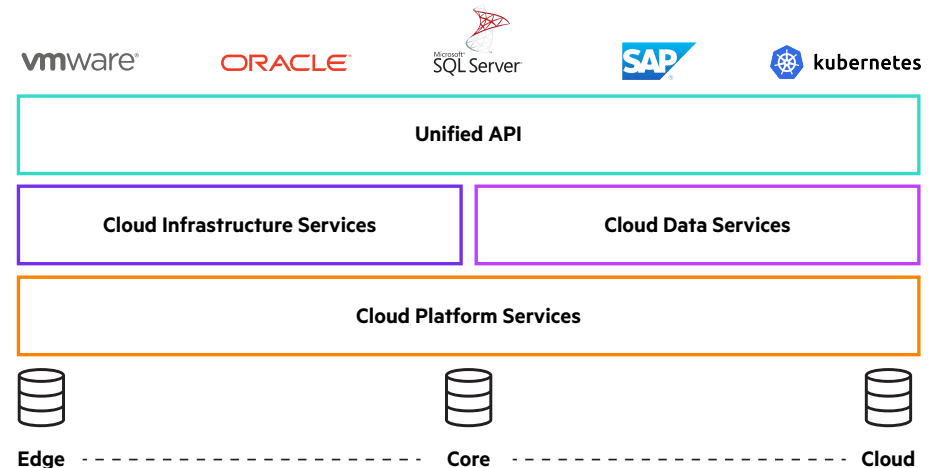
Integrated, automated, and policy-driven data services will enable data orchestration across its lifecycle—from dev/test, production, protection, and analytics—collapsing data silos and helping eliminate the complexity of traditional data management operations. This will equip organizations with the one-data experience they need to accelerate data-driven innovation, protect data everywhere, and intelligently move data across clouds.

ACCELERATE INNOVATION

Data Services Cloud Console will deliver a platform for accelerating app development lifecycles, empowering developers with streamlined access to production data securely and instantly with self-service. Its unified API across edge-to-cloud data infrastructure will enable organizations to tap into the full potential of their data with new data services, from HPE and third parties in the future.

BUILT ON A UNIQUE ARCHITECTURE

Data Services Cloud Console reimagines data and infrastructure management with a cloud operational experience and services-centric approach that helps eliminate silos and complexity. Its unique cloud-native architecture is designed to simplify and integrate data operations with a single destination for a comprehensive set of Cloud Platform Services, Cloud Infrastructure Services, and Cloud Data Services.



¹ Planned for future release

FIGURE 1. Data Services Cloud Console Architecture

POWERED BY A PROVEN PLATFORM

Data Services Cloud Console is powered by the proven technology foundation of Aruba Central that today serves thousands of customers and millions of devices connected to clusters deployed around the world. The cloud console helps ensure the secure management of global infrastructure and data services with multilevel advanced security capabilities that include trusted and encrypted connectivity to data infrastructure, multifactor authentication, auditing, and role-based access control policies.

The cloud console is architected as a framework of microservices and workflows that enables the rapid development, deployment, and scaling of new services with a consistent user experience. It provides the foundation for a portfolio of services that will become seamlessly available to customers to simplify how they manage infrastructure and data.

MOVE FASTER WITH SAAS

Data Services Cloud Console is delivered as SaaS, so there is no software to deploy, manage, or maintain. You can constantly stay current on the latest software features, without any action or involvement required. And you can move from an ownership model to an access model with the agility and convenience of flexible subscription.

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