

Unified DataOps - The Future of Digital Transformation

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FULL TEXT

Digital Transformation isn't a buzzword anymore as organizations are increasingly traversing the journey to transform their operations and processes, taking meaningful strides from digitization to digitalization. It's clearly understood that digital transformation is a process that businesses implement to improve the customer experience and gain new business opportunities. Digital transformation initiatives are mostly focused on developing better applications and underlying IT ecosystems that are designed to enhance the customer experience. Unfortunately, many of these initiatives generate large volumes of data operations that are often inefficient and incur significant financial and compliance risks.

Despite the desire to accelerate their digital transformation, many companies find themselves stuck in a data and infrastructure complexity that holds them back. Such a complexity is usually fraught with fragmented software and hardware approach, inefficient manual processes, and considerable business risks.

The key to successful digital transformation, therefore, is taking a data-driven approach, which means putting the necessary resources and skills at the heart of the project with an agile platform that can support the continuous analysis and management of all the company's data assets across core, cloud, and edge.

Digital maturity has been improving over time, which is evidenced by the number of companies that are now generating business growth through data-driven digital transformation efforts. The companies that efficiently collect, analyze, and manage the data are the ones that can transform it into actionable insights and drive profitable business outcomes. This is being done through a DataOps strategy that unifies people and processes on an intelligent automated platform.

Harnessing Data. Enabling Transformation. Intelligently.

A well-structured and Unified DataOps can help companies optimize costs and increase revenue by delivering a direct impact on their development velocity, business risk mitigation, and operational efficiency. Simply put, Unified DataOps simplifies the management of data by combining cloud-native operations with data-centric automation. Unified DataOps automate and extend existing infrastructure and operational processes to create a comprehensive, edge-to-cloud approach. This allows enterprises to seamlessly manage the way their data is accessed, protected, and mobilized by automating the cloud operational experience wherever data resides. With AI-powered intelligence, businesses then go beyond automation by continuously monitoring and improving the performance of apps and infrastructure, and enhancing resource utilization while minimizing potential threats.

Driving data agility and disruptive innovation, HPE has been collaborating with global organizations to speed up their data-driven digital transformation with an intelligent platform that unifies data management, runs any traditional or modern application on demand, and leverages industry-leading artificial intelligence to deliver the true value of their data.

"HPE's leading partners like Ingram Micro are playing a pivotal role in deconstructing the complexities of designing, devising, and deploying a unified data operations strategy for our customers on HPE's Intelligent Data Platform. Ingram Micro, along with HPE, has been helping businesses to enable cloud ecosystems to efficiently handle exponentially surging data growth from edge to core, and create a consistent experience in moving workloads across infrastructures to exploit the full potential of their data and accelerate data-driven digital transformation."

Navdeep Narula, Executive Director –Mobility, Compute &IoT at Ingram Micro India Private Limited

HPE's Intelligent Data Platform allows enterprises to unleash their data across clouds with its Data Services Cloud Console that delivers unified data operations via a suite of cloud services, HPE Alletra that runs cloud-native infrastructure to free data across hybrid cloud for any app, and HPE InfoSight that enables AI-driven autonomous operations to optimize performance, availability, and resource management, all delivered as-a-service with HPE GreenLake.

Using data to gain competitive advantage isn't a recent phenomenon. However, adopting a comprehensive data operations approach across an organization is an elaborate journey, which calls for a significant change in the culture of how a business operates. It is imperative to have internal advocates to help build momentum for an organization to appreciate the actionable value of data. Players like HPE can then take the responsibility off their shoulders to create a unified data operations environment and to work closely with the enterprise to embrace a data-driven transformative future.

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