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BEZNext

Cloud Performance and Financial Governance Optimization

One of the most significant technological trends has been the shift of data warehouse and Hadoop workloads to cloud computing. Companies expect to benefit from moving to cloud computing in various ways, including lower IT expenses, greater flexibility, increased efficiency, improved security, enhanced performance, and the opportunity to innovate and develop new capabilities. The challenge for enterprises lies in selecting an appropriate cloud data platform, cloud migration optimization, dynamic capacity management, and DevOps decisions optimization. Many cloud migration projects take too long and bring many performance and financial surprises.

"Our goal is to help eliminate guesswork and risk by providing financial and IT stakeholders with valuable, data-driven monitoring and forecasting to make optimal performance and financial decisions in the cloud," says Dr. Boris Zibitsker, CEO of BEZNext. BEZNext helps companies with Cloud Performance and Financial Governance (FinOps) by offering software, services, and training. The company has provided Performance Assurance services to over a hundred Fortune 500 firms across many industries, including retail, telecommunications, insurance, finance, and manufacturing.

BEZNext's software incorporates machine learning, artificial intelligence algorithms, iterative queuing network



Boris Zibitsker

models, and gradient optimization to optimize performance and financial governance decisions to meet business workloads' Service Level Goals (SLG) at the lowest cost. "We help customers to optimize performance and financial governance, including selecting the right cloud data platforms, optimizing migration, and organizing the dynamic capacity management and DevOps decisions optimization. BEZNext answers the critical question: "What is the minimum cloud configuration required to meet business service goals, and how much will it cost?" adds Boris.

The value of Cloud Data Platform Selection is to provide a data-driven choice to stakeholders. You may model the price/performance of two or more vendors, running your workloads, without bias or passion. It reduces

uncertainty, provides realistic expectations, eliminates surprising billings, and enables verification of closed-loop results.

Migration decision optimization compares various options and determines the minimum configuration and cost required to support service level goals for all workloads, including ETL/ELT, data streaming requirements, and security options evaluation.

Dynamic Capacity Management provides the organization with an early warning of any detected financial or performance anomalies. The BEZNext model continuously calculates realistic expectations and enables data-driven results verification. BEZNext services will perform root cause analysis on the most severe deviations from modeled expectations. Workload activity patterns on all platforms are captured and reported daily, weekly, and monthly.

DevOps decisions are optimized as BEZNext experts provide recommendations for developers and operations before new applications deployment. In addition, the modeling engine estimates the budget required to meet service levels for the new application in production and reduces the risk of performance and financial surprises. [CR](#)

