



BIGBITBUS INNOVATION HIGHLIGHT



BigBitBus

COMPANY OVERVIEW

On a mission to increase the transparency of public cloud offerings, BigBitBus offers a free API and SaaS service to compare services from Microsoft Azure, Google Cloud, AWS, private clouds, and more. Find the best option for your organization and save thousands of dollars with customized, data-driven recommendations from BigBitBus' API - B3Console.

LOCATION: WATERLOO, ON

TECHNOLOGY



Data Centre and Cloud

PRIVATE TO PUBLIC CLOUD – A TIME CONSUMING EFFORT

Choosing and migrating between public and private cloud providers is a complex task that can result in suboptimal decisions and adverse business consequences. Proper research could take weeks or months. Once the final decision is made and implemented, it's difficult to go back, making the correct choice that much more important. Moreover, cloud provider pricing, capabilities, and service offerings are in constant flux, making it necessary to revisit decision making around migrating applications between different public and private cloud services. Repeating these "what-if-we-migrate" scenario analyses is expensive and time consuming currently.

B3CONSOLE – COMPARE PUBLIC CLOUD OFFERINGS QUICKLY AND FOR FREE

Making it easy for organizations to find the best cloud offering for their needs, BigBitBus created B3Console – a free browser-based SaaS service that allows you to find and compare public and private cloud offerings. After you input your IT footprint from your current private and public cloud installations into B3Console, its intelligent machine-learning algorithm matches your custom needs to the most up-to-date cloud provider service and price catalogs. B3Console's transparent and data-driven approach can help you decide on where to place or migrate each IT application on the public/private/hybrid cloud without bias toward any vendor.

PERFORMANCE TESTING AND OPTIMIZING THEIR API

BigBitBus' CENG N project confirmed their solution's architecture is scalable. They also developed and executed performance tests for a large OpenStack setup and created scalable load tests for APIs and user interfaces. Afterwards, BigBitBus integrated the data from the tests into their product, providing users with performance and price comparisons between different cloud providers, both public and private, including the CENG N Openstack Cloud itself! BigBitBus's next steps are to analyze all the data they gathered from this project and investigate algorithms to reduce API latency even further.

**"We had
incredibly
valuable
support from
the technical
and engineering
resources at
CENG N. They
unblocked us
multiple times
and were heavily
dedicated to our
project."**

Sachin Agarwal
Founder, BigBitBus



BigBitBus

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