5 REASONS

To Deploy the Weka Matrix™ Zero-Footprint Storage Platform in Your Dev/Test Environment

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Accelerate Application Development and Reduce Operational and Business Risk

Time to market is critical for most organizations, especially those offering services in the cloud. To maintain a competitive advantage, these organizations must be nimble.

Development and testing (Dev/Test) are now mission-critical activities because survival depends on delivering a continuous stream of innovative new services while maintaining service-level agreements (SLAs). This puts a special burden on your IT infrastructure.

Matrix is a flexible, cost effective, high performance software-only storage solution with the scale and performance to cut dev/test time in half so that your business remains competitive.

1 SHORTEN DEVELOPMENT TIME AND REDUCE COMPILE TIMES BY 7X

Much of a developer's time is spent compiling and debugging code. Anything that can shorten this accelerates the development process and reduces time to deployment. WekaIO's Matrix storage solution allows you to dynamically scale performance up or out as needed with sub-millisecond access time. The software solution provides the benefits of distributed access and global caching for near local SSD performance with seven times the performance of a best of breed NFS-based solution. Software compiles take less time, so developers spend less time waiting and more time collaborating to create new features. Recent SPEC performance tests show Matrix supports 5x the number of simultaneous compile jobs as other solutions at a fraction of the cost.

2 ISOLATE DEV/TEST ENVIRONMENTS TO REDUCE RISK AND IMPROVE EFFICIENCY

Testing new applications against live production data is a recipe for disaster, yet it's important to test application performance under realistic conditions. Many IT organizations copy data to separate systems to test applications. This workflow wastes precious time and resources. Matrix supports thousands of separate filesystems within a global namespace, each with its own quality of service and protection, allowing you to isolate Dev/Test from production environments. Instantaneous snapshots and clones allow you to test new applications with a copy of actual data for confidence that your applications will work when they go into production.

3 INCREASE DEVELOPER COLLABORATION WITH SHARED ACCESS

While developers often work independently, the reality is that most development teams are geographically dispersed, which means they need shared file access to work collaboratively. Matrix features a POSIX compliant, distributed file system that provides near local file system level performance without the headache of managing multiple file systems. Integrated tiering to any S3 or Swift compatible public or private cloud allows seamless connectivity to the cloud. All files, whether on-prem or in the cloud, appear local to the application, providing low latency, anywhere, anytime access.

4 ACHIEVE GREATER EFFICIENCY AND UTILIZATION OF YOUR EXISTING INFRASTRUCTURE

Dev/Test environments are often utilized only a small percentage of the time, making them ideal for cloud or virtual environments where you can spin up or spin down resources on-demand. As a software-only solution, Matrix runs on your existing servers, in virtual environments or in the public cloud; no additional footprint or specialized hardware is required, allowing you to save on power, cooling, and floor space. Support for S3, NFS, SMB, HDFS and REST means that your team can access data from a variety of developer platforms.

5 IMPROVE AGILITY AND FOCUS ON DEVELOPING APPLICATIONS NOT MANAGING STORAGE

Applications are constantly changing, and development environments need to be equally flexible. Matrix provides a single platform that quickly and easily adapts to changing IT requirements. The solution supports hyperconverged, dedicated storage server, or mixed deployment models, and developers can quickly and easily provision whatever resources they need on-demand for improved agility.

WEKA   910 E Hamilton Avenue, Suite 430, Campbell, CA 95008   T: 408.335.0085   E: info@weka.io   www.weka.io