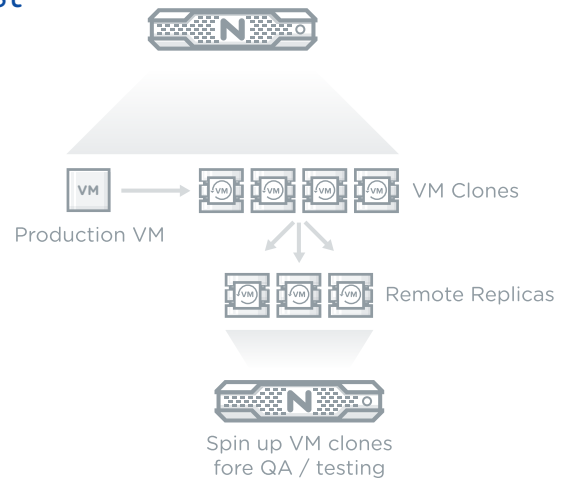# Bring the Power of Web-scale to Dev/Test

Whether your application teams are looking at developing new IT applications or you are in the business of producing software, an efficient, high-performance development and test environment can help drive developer productivity, improve time to market, and have a direct impact to the top-line revenue.

Nutanix development and test solutions are based on web-scale principles, enabling your development operations or test/QA teams to stay ahead of the competition and looming deadlines.

With Nutanix, gone are the days of isolated, inefficient silos or creating cumbersome copies of databases and shared development environments. You can make your development and test environments a natural extension of your production environment with Nutanix without any of the performance or security concerns. Additionally your developers can get their own efficient, high-performance environments with access to private copies of production databases and data, taking up little extra storage space.

Production VM → VM Clones

Remote Replicas

Spin up VM clones fore QA / testing

Improve developer productivity and test coverage using Nutanix VM-centric functionality.

Reasons why Nutanix is the ideal platform for development and testing:

- Simple, out-of-the-box deployment: Deploy development and test/QA environments on the same platform as production workloads in hours using validated cloud designs.

- Risk-free development: Predictably scale production clusters to support development and testing on the same infrastructure, eliminating the risk of promoting code into production.

- Self-service: Enable engineering and QA to deploy their own complete high-performance environments from a portal with complete cloned copies of production datasets.

- Excellent performance: Give each developer and test environment the performance they need without worrying about noisy neighbors on the same web-scale cloud environment.

- Distributed team support: Support geographically distributed teams and adopt a follow-the-sun model for maximum productivity, keeping the working VMs closest to developers and QA teams using VM-granular replication.

- Quick iterations: Work in parallel and quickly revert to older versions without worrying about resource constraints or recovery time using VM-granular cloning and snapshots.

- Reduced infrastructure operational complexity: Reduce administrative overhead by hundreds of hours per year by practically eliminating the need for storage management, using intuitive centralized VM-centric management and REST APIs/PowerShell toolkits.

- Deep performance insights: Simplify performance troubleshooting from days and weeks to hours, with end-to-end visibility into VMs and applications under test.

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Get started on the journey of bringing Web-Scale technologies to your development and test environments. Visit www.nutanix.com for more information or follow-up on Twitter using @nutanix and #webscale.

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