Aternity for Desktop and Application Virtualization

Complete visibility ensures successful virtualization outcomes

The Business Challenge
Desktop and application virtualization benefits, such as improving flexibility, operational efficiency, and control, won’t matter if enterprises cannot maintain excellent application performance. The challenge is that virtualization disrupts the traditional relationship between applications, physical hardware, operating systems, and presentation layers. Without comprehensive visibility into application performance as experienced by their end users, VDI administrators, IT operations, and application owners lack the critical insight needed to effectively plan, manage, and troubleshoot Citrix, VMware, or Microsoft virtual environments.

The Aternity Solution
Aternity monitors the performance of any business transaction within any packaged or custom application, and correlates it with the key performance indicators of the underlying desktop virtualization. With Aternity, VDI architects, app owners, and IT Ops can effectively plan desktop and application virtualization migrations and troubleshoot problems across all layers of the infrastructure.
Illuminating the Four Virtual Desktop Blind Spots

Aternity closes the VDI visibility gap by illuminating the four primary virtual desktop blind spots: client side latency, host resource availability, application execution time, and infrastructure latency.

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Guarantee Optimal Service Quality of Applications Delivered over VDI

Aternity provides a single, consistent approach for IT Operations to ensure quality of service for any application running in the VDI environment.

- Correlate application performance to the underlying VDI infrastructure, including the remote display, hypervisor, and network/infrastructure, to isolate problem areas
- Compare the performance of applications across geographies, data centers, and devices to optimize performance
- Proactively detect and analyze incidents by severity, impacted users, and business locations, to prioritize response

Monitor usage and performance of every enterprise portfolio, running on any physical, virtual, or mobile device.
Assess the Impact of Virtualization Migrations on Performance

Aternity enables application owners and business executives to determine the impact of desktop or application virtualization deployments on workforce productivity, not just on CPU, memory, or I/O performance:

- Validate SLAs are being met by analyzing business activity performance across all applications by geography, department, and data center
- Cost justify the desktop or application virtualization investment by reporting the financial impact of lost productivity
- Analyze differences in performance and SLA compliance for business activities executed on physical devices and virtual desktops or virtual app servers

Assess the impact of virtualization on end-user experience, by comparing the performance of critical applications, by business activity performance as seen by the end user, and by SLA conformance across physical and virtual desktops.

Prove the reliability of desktop and application virtualization by analyzing SLA compliance for key business activities on every app across departments, device types, or geographies.
Isolate Performance Problems in the Underlying VDI

With Aternity, IT Operations can monitor the end-to-end performance of the primary components of virtual desktop infrastructure to rapidly identify and resolve issues.

- Monitor client-side latency, application execution time, host resource allocation, and infrastructure latency
- Trend virtual desktop performance KPIs such as hypervisor, remote file share, and virtual machine performance
- Track remote display latency by VDI server and data center to identify problems and impacted users by geography or business location

Get Started Today

Aternity ensures the reliability of any business-critical application, running on mobile, virtual, and physical devices. Aternity can be deployed on premise or in the cloud, enabling customers to get up and running fast, with no major capital investment, hardware provisioning, or server deployment. Register to qualify for a free product evaluation: aternity.com/free-trial.