



Citrix Systems' Virtual Workplace Applications Deployed with Confidence Thanks to Shunra's PerformanceSuite



Citrix Systems, Inc. is a global leader in virtual workplace software and services that provide access to applications, information, processes and people on any device, over any network,

anywhere, anytime. Working with the world's top industry, integration and consulting partners, Citrix delivers enterprise-ready solutions to business challenges including application deployment, remote office connectivity, workforce mobility and business continuity. More than 120,000 companies worldwide use Citrix every day giving people secure and well-managed access to business information wherever it lives—on demand.

When access anywhere is your mission, you have to expect that your tools will be subjected to a wide array of network environments. Ensuring Citrix performance and quality in these environments is the responsibility of Citrix Systems, Inc. engineering team.

"In the System Level II area of Engineering, we test large-scale, enterprise server farms, modifying environment variables such as networking and conducting repeatable test scenarios to verify each server in the farm is operating correctly," said Russ Naples, Citrix vice president of Software Products. To perform these tests effectively, the System II Engineering team was seeking a way to modify network variables, such as bandwidth and latency, to emulate several wide area network (WAN) environments that MetaFrame XP™ customers may have. After reviewing several alternatives, including a T1 simulator, they selected the Shunra PerformanceSuite.

PerformanceSuite, an application and network optimization solution, enables the System II Engineering team to cost-effectively recreate a multitude of network conditions that Citrix products will face when deployed to global customers. These tests help Citrix understand and correct issues prior to deployment, as well as determine the minimum network requirements necessary to ensure optimum performance of the system.

Challenge

With a mission to provide access anywhere, it was extremely important that Citrix meet its promise and ensure performance and quality of their tools in a wide array of network environments. The engineering team is responsible for ensuring performance and quality across networks.

Solution

Citrix explored several alternatives, including a T1 simulator, but found Shunra to be the only solution to meet all their needs. PerformanceSuite enables the Citrix engineering team to cost-effectively and accurately recreate network conditions that their products will face when deployed to global customers. With PerformanceSuite, Citrix is now able to understand and correct issues prior to deployment and determine minimum network requirements necessary to ensure optimum performance of the system. In order to test for performance.

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Using Shunra, we are able to complete tests in one test lab that would have previously required assistance from individuals all over the world," said Naples. "We can now simulate a Tokyo-to-Australia-to-London-to-Ft. Lauderdale link right in the lab. This allows us to test new software right away, debug it immediately, and test it again. We can have the developers sitting right there. They can walk in, see the issue as the user would see it, and fix the problem. All the people we need are in one lab.

Russ Naples

VP of Software Products, Citrix

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