TLoad

CAPACITY PLANNING AND REGRESSION TESTING FOR CITRIX PRESENTATION SERVER AND CITRIX DESKTOP SERVER

TLoad makes load testing Citrix Presentation Server™ and Citrix Desktop Server™ simple, cost-effective and fast. Powerful, easy-to use features help you deliver a stable, reliable and scalable application delivery environment. TLoad will revolutionize your approach to Citrix capacity planning and regression testing.

TLoad provides a powerful, simple-to-use toolset that enables you to:

• Understand how many users a single Citrix server will support

• Accurately forecast farm resource requirements

• Demonstrate how applications perform when delivered by Citrix Presentation Server or Citrix Desktop Server

• Provide a stable, reliable, predictable system

• Show before and after results for a system software or configuration change

• Cost-effectively perform regression testing without impacting real users

CITRIX®

Easy to Use

TLoad record and replay technology means that there's no need to learn or understand a complicated scripting language. With the press of a button you can record a user's interaction with an application and watch as TLoad visually builds your script. Easy-to-understand graphical icons make script editing as easy as drag and drop.

Designed for Citrix

TLoad is the only load-testing solution designed from the ground up specifically for Citrix Presentation Server and Citrix Desktop Server environments. Based around Citrix® ICA® headless client technology, TLoad has been developed to minimize Citrix deployment times and simplify ongoing system lifecycle tasks.

Fast and Reliable

In order to deliver the best ROI, it's important to minimize capacity planning and regression testing time periods. TLoad lets you set up and run realistic load tests with hundreds or thousands of users within minutes. Once created, TLoad scripts can be used repeatedly to create accurate before and after scenario tests, ensuring that capacity requirements and application performance have not been affected by hotfixes, patches or the addition of new applications.

True End-user Experience

Because TLoad runs entirely from the client side, the results provide an accurate picture of the expected end-user experience. No software is installed on the Citrix Presentation Server or Desktop Server. As the user load increases, the responsiveness of the application to the users' inputs is monitored and displayed to enable accurate capacity planning and forecasting based on the simulated user experience.

Enterprise-wide Simulation

TLoad also allows you to test and understand the expected end-user experience across your organization's geographical structure. A single console enables the launching of test users from machines placed at branch or remote offices, ensuring performance levels are understood and agreed upon from any location over any connection. Side-by-side reporting lets you compare and contrast the end user experience from each of the distributed sites.

Full-featured Toolset

TLoad provides all of the tools needed to perform capacity planning, regression testing and application stability testing in a Citrix environment. Through the use of TLoad, organizations will be able to minimize deployment time while delivering a reliable, scalable and predictable application delivery environment.

RECORD AND REPLAY VISUAL SCRIPTING

Create scripts automatically by recording the real user interaction with any application delivered by Citrix Presentation Server or Citrix Desktop Server. Even custom-built applications can be recorded and tested with TLoad's time-saving record and replay technology.

VISUAL PERFORMANCE MONITORING

Throughout the load-simulation test the intuitive user interface gives real-time graphical feedback on the speed and quality of application delivery.

TRACKING KEY SERVER PERFORMANCE MEASURES

View server performance data side-by-side with application responsiveness. Identify application performance limitations and bottlenecks. TLoad performance data can be exported for analysis and archiving.

REPORTING USER EXPERIENCE

See your system's performance as your users see it. Drill down into results to identify system bottlenecks or application errors.

PERFORMANCE ALERTING

Set email alerts to notify you when your service quality degrades.
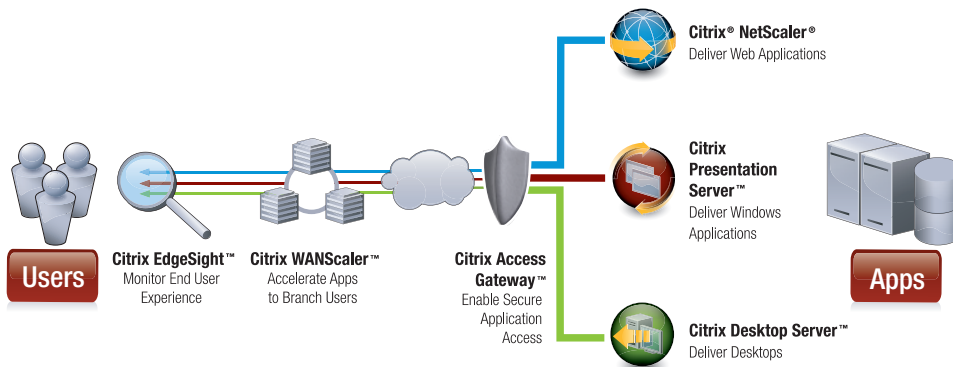
TECHNICAL INFORMATION

TLoad uses an entirely new scripting algorithm to create and manage its virtual users. This unique technology has been designed to tolerate variations in graphics that are displayed during the users' sessions. This means that TLoad scripts will not fail when application windows change position or slow down as can happen with other scripting technologies. As a result, they run reliably and are easy to record and maintain.

The TLoad system consists of two components: a Controller and a Launcher. The Controller is the central administration console that is used to create, manage and monitor the load simulation. It enables the IT administrator to record user application interaction, and specify what scripts will be used in a test, how many user sessions will be created, and over what time period.

The Launcher is installed onto computers from which virtual users are to be generated. A typical desktop can launch upwards of 50 users. Multiple launchers can be used to simulate branch office connectivity.

Citrix Application Delivery Infrastructure
Deliver Any Application to Any User with the Best Performance, Security, Cost and Agility

Citrix® NetScaler®
Deliver Web Applications

Citrix Presentation Server™
Deliver Windows Applications

Citrix Desktop Server™
Deliver Desktops

Users

Citrix EdgeSight™
Monitor End User Experience

Citrix WANScaler™
Accelerate Apps to Branch Users

Citrix Access Gateway™
Enable Secure Application Access

Apps

Citrix® NetScaler® for delivering Web-based applications — Optimize all web applications with an integrated networking solution that accelerates performance, improves security, and substantially reduces load on servers.

Citrix Presentation Server™ for delivering Windows-based Applications — Save millions in management costs and eliminate data security risks by installing all Windows applications in the datacenter and virtualizing or streaming them to end users over the network.

Citrix Desktop Server™ for delivering desktops — Reduce the cost, management and security risk of desktop computing by delivering Windows desktops virtually from the datacenter in a way that actually improves the end user experience.

Citrix Access Gateway™ for enabling secure application access — Provide a secure single point of access to all applications that automatically customizes access policies based on user scenarios.

Citrix WANScaler™ for accelerating applications to branch users — Instantly improve the performance of applications delivered over the wide area network while reducing bandwidth by up to 75%.

Citrix EdgeSight™ for monitoring end user experience — Ensure applications are meeting business metrics at all times by monitoring performance from the user's perspective.

CITRIX®

About Citrix: Citrix Systems, Inc. (Nasdaq:CTXS) is the global leader and the most trusted name in application delivery infrastructure. More than 180,000 organizations worldwide rely on Citrix to deliver any application to users anywhere with the best performance, highest security and lowest cost. Citrix customers include 100% of the *Fortune* 100 companies and 98% of the *Fortune* Global 500, as well as hundreds of thousands of small businesses and prosumers. Citrix has approximately 6,200 channel and alliance partners in more than 100 countries. Annual revenue in 2006 was $1.1 billion. Learn more at www.citrix.com.

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