- Citrix® XenApp™
- Microsoft®
Terminal Server®
- Microsoft Remote
Desktop Services®

Scapa® Test and Performance Platform

Application and Desktop Virtualization Solutions

Replicate real users to easily identify bottlenecks and other pain points in your Application and Desktop Virtualization Solution and measure user experience end-to-end, perform capacity planning and validate vendor claims for your application mix and workflow.

Scapa TPP is a technology independent tool that has been used by many organisations worldwide across a broad-range of business verticals and an even broader-range of Application and Desktop Virtualization Solution architectures.

Insulate systems from performance, capacity and reliability risks.

"IT is now a fundamental support of business activities - which means the greatest IT operations sins are an unpredictable user experience and a failure to reduce overall service delivery costs".
Forrester Research: Thomas Mendel, Ph.D., Jean-Pierre Garbani

CERNER
All Together

"For our needs, Scapa is the best tool around."
"We use Scapa to perform many types of technology comparison tests….[to] provide valuable performance and scalability information to many areas of the company as well as to our clients".
Chuck Hunt, Sr. Team Lead, Abilities Lab

Business Challenge
Performance Assurance
Applications running on desktop virtualization solutions such as Citrix® XenApp® (formerly Presentation Server®) and Microsoft® Terminal Server® are so fundamental to operations, business performance and growth, that their efficiency has come to the fore as a critical element of corporate governance. Protecting their benefits - including reduced costs, greener, more environmentally-friendly IT, increased security and manageability - makes business sense.

For the user, the customer and for the business itself, performance, scalability, capacity and continuity of these mission-critical applications and their delivery methods must be assured otherwise there will be a significant impact on return on investment (ROI) as well as morale, service delivery and ultimately, the bottom line.

Yet, desktop virtualization solution performance issues are not uncommon. A system may perform well when the number of concurrent users is small, but drastic deterioration can occur with just a modest increase in the number of users, despite compensating hardware enhancements. To ensure continued success, businesses need a solution to minimize, or preferably eliminate, these risks.

Minimize Risks and Maximize Profit
Poor system performance hinders user productivity, business processes as well as profits by increasing business costs and forfeiting revenue opportunities. The challenge is to invest in a solution that can ensure capacity, scalability, performance and reliability are delivered.

Forecasting System Capacity for Business Growth
It is imperative that your system cope, not only with current load and unexpected peaks of service, but can also expand with growth. To be successful, an approach and tool are needed that insulate your system from performance, capacity and continuity risks. The tool must be predictive, perform capacity planning and accurate user density sizing, in order to guarantee that customer expectations and user experience are maintained in line with business growth.

Solution
Scapa Test and Performance Platform (Scapa TPP) is a fast, cost-effective and technology independent test and optimization platform for application and desktop virtualization solutions. Scapa TPP allows a unique level of visibility into your system performance and user experience and, through continuous live application performance monitoring and testing, Scapa TPP provides the assurance that your IT system:
- is the perfect fit for your business requirements by validating technology vendor claims,
- works at optimum performance and peak efficiency during day-to-day operations.

Microsoft® Small Business Specialist

vmware PARTNER TECHNOLOGY ALLIANCE

CITRIX

With Scapa TPP risks are minimized, profits maximized.

Scapa Technologies

Find the answers quickly and efficiently to business-critical questions with Scapa TPP:

- Can we predict performance levels accurately and continuously in line with business growth?
- How do we avoid extending release cycles, missing delivery schedules and increasing rework costs?
- Is it possible to guarantee optimum system performance and to avoid capacity and continuity risks?
- How can we ensure that our IT systems help us maximize profit, ROI and improve our competitiveness?
- How will migration from traditional to remote or virtual desktops affect service levels?
- How can we keep upgrade project costs within budget and on target?

Business Benefits

Success in business depends on good planning and a solid strategy. Testing should be part of that strategy so that you can make smarter decisions, more quickly, based on accurate data. Scapa TPP testing brings many business benefits, including improved agility, continued visibility of system performance, maximizing ROI as well as future revenue opportunities. Scapa TPP helps businesses succeed.

Lower costs and avoid unexpected delays to maximize financial performance

Scapa TPP can identify problematic areas early, helping you improve the quality of the system during development and reduce the frequency of release cycles, speed time-to-production and minimize costly rework once the system is deployed. In addition, improvements in user satisfaction, productivity and efficiency and reductions in management costs - more users on the same system, applications delivered only when required – will improve your bottom line and save precious IT budget.

Reduce risk by quantifying performance, scalability, capacity and reliability

Scapa TPP will reduce risks associated with performance, scalability, capacity and reliability by uncovering issues early so that remedial work can be planned. It will enable you to prove the system configuration before rollout to minimize risks, control load and analyse visually to see where the system breaks. Immediate test results promote quicker test cycles.

Maximize profit, ROI and improve competitiveness

Scapa TPP maximizes these business benefits by increasing the responsiveness of applications, optimizing the system through tuning and removal of bottlenecks, improving user experience and enhancing user productivity. Scapa TPP makes your business more agile, speeding up decision making, system rollout, user migration.

Assure the quality of the Desktop Virtualization Solution

Scapa TPP will provide all the information required for a confident and smooth production rollout. Testing server and storage systems are operating effectively and monitoring the continued network configuration are vital in delivering good performance. Scapa TPP has ensured and continues to ensure the performance of some of the largest Application and Desktop Virtualization Solution deployments across the globe.

Maintain continuity and service levels

With Scapa TPP, performance baselines are used to maintain ongoing performance and availability of the system in production.

Product Overview

Accurate Capacity Measurement

With Scapa TPP, you will ensure accurate sizing for your unique workload scenarios, working out user densities per server and discovering the available headroom.

Problem Identification, Diagnosis and Correction

Scapa TPP's end-to-end testing and diagnostic capabilities expose the bottlenecks, performance, capacity, scalability and reliability characteristics with unparalleled clarity, enabling users to identify the root cause of performance degradation. With this knowledge, corrective action can be implemented and validated with unrivalled efficiency.

End-to-end Performance Benchmarking, Genuine, Accurate Diagnostics and Load and Stress Testing

Scapa TPP drives applications in the same way as real users on any Application and Desktop Virtualization Solution Infrastructure and measures response times from the users' perspective. By replicating user experience for simulated workloads, Scapa TPP enables you to determine the reliability, performance and stability of your business-critical systems all the way from server to desktop.

Scapa TPP is the only tool that drives load inside the session at the server end, and also records performance information at the user desktop, which means that tests generate accurate, end-to-end performance data allowing you to pinpoint any current or potential issues.

Live Application Performance Monitoring

Scheduling tests to run, record and produce results periodically in Scapa TPP allows essential monitoring of application performance in a live system environment.

Technology Performance Comparisons

To enable performance comparisons, Scapa TPP can also drive traditional desktops and can connect via all desktop brokers, even those with custom authentication and security. Scapa TPP can automate virtual and remote desktops via the full range of portal and gateway technologies. It can also drive common server protocols such as Web, Database or Exchange for Server Consolidation Capacity Testing.

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