
Ensure Peak Performance Before Deployment

Deliver Exceptional Service Levels Across Complex Infrastructures

Launching a new application or making significant modifications to an existing one is fraught with risk. Not the least of which is how well the application will perform in production. While load generators are useful for pre-deployment testing, they only provide high-level information about whether or not service level agreements (SLAs) are being met.

Mitigate risk with the Application Performance Testing Service from Riverbed Professional Services. Leveraging Riverbed® SteelCentral™ ApplInternals and SteelCentral™ Transaction Analyzer technologies, the service analyzes the performance of applications at the server level during load, stress, volume, and scalability testing. It identifies root causes behind performance bottlenecks so they can be quickly resolved before production—saving your organization significant time and money.

Key Service Benefits

- Mitigates production risk and ensures all key transactions meet performance SLAs in production
 - Reduces cost of production performance outages (e.g., damage to your brand, loss of customers, and associated loss of revenue) by fixing issues before going live
 - Delivers crucial knowledge of application performance characteristics, which can lead to proactive alert definition as well as known problem resolution, for issues that were not part of testing
 - Provides invaluable experience with application and network performance management methodologies, which can be applied to any performance problem in any environment
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Service Overview

Upon completing a pre-engagement consultation and confirming a start date, your assigned Riverbed consultant and delivery lead will perform five phases of activity.

Phase 1: Analyze

- Collect and review application architecture to determine location of load generators, network hops between load generator and servers, location of servers, number of servers, and the technologies used on each
- Review load generation scripts and processes
- Review success criteria and measurement methodologies

Phase 2: Design

- Determine number of servers needed to host SteelCentral AppInternals and SteelCentral Transaction Analyzer
- Determine space requirements for back-end database

Phase 3: Enable

- Deploy SteelCentral AppInternals and SteelCentral Transaction Analyzer consoles
- Deploy SteelCentral AppInternals collectors and SteelCentral Transaction Analyzer packet capture agents
- Deploy SteelCentral Transaction Analyzer software
- Configure metric collection, static limits as appropriate, and continuous transaction tracing in SteelCentral AppInternals consoles
- Start continuous captures as necessary in SteelCentral Transaction Analyzer
- Create desktop console views in SteelCentral AppInternals software

Phase 4: Operate

- Analyze application performance and provide interim reports for each load test
- Adjust metric collection and configuration and continuous capture configuration as necessary
- Validate any changes made to the application to mitigate or eliminate discovered bottlenecks

Phase 5: Evolve

- Upon completion of the Application Performance Testing Service, the RPS consultant will deliver a final presentation of findings and showcase the benefits of SteelCentral Application Performance Management

Scope and Pricing

The Application Performance Testing Service is a time and materials engagement that may include product implementation for SteelCentral ApplInternals and SteelCentral Transaction Analyzer. The service can be performed on-site or remotely. The number of project hours is largely contingent on the amount of testing that is required, which in turn is dependent on how many performance issues need to be resolved. Load generation, script creation, data set creation, and establishing procedures for system rollback between tests are not included as part of the service.

Ensure You Meet Your Performance Objectives

For pricing information, or to create a customized engagement, please contact your Riverbed Professional Services sales representative or send your inquiry to proserve@riverbed.com.

Learn more about our other Professional Services offerings at www.riverbed.com/services-training.

Related services

Application Network Readiness provides pre-deployment visibility into the performance of applications to prevent production issues related to poor design or insufficient network resources.

Application Performance Troubleshooting enables your team to quickly resolve production performance issues so you can continue to deliver the superior applications users expect.

Application Analytics and Diagnostics improves the performance of business-critical applications through regularly scheduled assessments that baseline, analyze, troubleshoot, and trend performance.

About Riverbed

Riverbed, at more than \$1 billion in annual revenue, is the leader in application performance infrastructure, delivering the most complete platform for the hybrid enterprise to ensure applications perform as expected, data is always available when needed, and performance issues can be proactively detected and resolved before impacting business performance. Riverbed enables hybrid enterprises to transform application performance into a competitive advantage by maximizing employee productivity and leveraging IT to create new forms of operational agility. Riverbed's 26,000+ customers include 97% of the *Fortune* 100 and 98% of the *Forbes* Global 100. Learn more at riverbed.com/services-training.

The Riverbed logo consists of the word "riverbed" in a lowercase, bold, sans-serif font. The letters are a vibrant orange color.