

Achieve the right level of business services performance and the best use of infrastructure resources.



IBM SOA Infrastructure Consulting Services— infrastructure Healthcheck workshop for SOA



Maximize your business success and value with a healthy SOA infrastructure

Business expectations of SOA are high and failures at the point of delivery are unlikely to be tolerated, particularly as SOA becomes widely deployed within your enterprise. Many of the business benefits that are typically instrumental in building a business case for SOA adoption are founded on the increased agility and responsiveness of the application framework underpinning and enabling the business processes. The returns are measured in terms of quicker time-to-market, improved business process performance and reduced application development times. However, these returns can be rapidly undermined if the performance of the SOA services fails to meet service level requirements or if the infrastructure architecture is not flexible and scalable enough to help achieve business and IT agility.

Highlights

- ***Identify opportunities and strategies to reduce IT infrastructure complexity and optimize operational costs***
- ***Improve IT service reliability, stability and performance by identifying the root cause of problems and defining remedial actions***
- ***Leverage periodic Healthchecks to help monitor progress***
- ***Increase IT infrastructure agility to improve user and business satisfaction***

Poor delivery performance and capacity create business and user dissatisfaction and add to business operational costs. In addition to this, if infrastructure resources are not being utilized effectively in business terms, the returns associated with the capital investment will be eroded in the face of escalating operational running costs. However, knowing where the problems are can be a real challenge.

IBM SOA Infrastructure Consulting Services—infrastructure Healthcheck workshop for SOA can help you eliminate the root cause of impending or experienced SOA implementation performance problems and gain better insight into how the business applications utilize infrastructure resources. We can help you save time and money by identifying how your infrastructure can be optimized to meet your business needs.

Achieve SOA operational objectives

Whether you are already running a SOA environment or are in a pre-deployment phase, infrastructure Healthcheck workshop for SOA can help you optimize the return-on-investment (ROI) of your SOA applications, middleware and infrastructure, as well as assure the necessary scalability for future growth. This service has already helped clients to:

- *Improve business service performance and maximize resource utilization limits (such as increasing the peak load utilization of a server CPU from 70% to 100%).*
- *Reduce hardware requirements, leading to simplified management.*
- *Shorten rollout times for upgrades and reduce development costs.*
- *Anticipate performance requirements of business applications.*

- *Identify potential bottlenecks in the infrastructure components before deployment.*
- *Improve infrastructure performance, enhance resilience, and reduce complexity.*
- *Achieve better hardware acquisition strategies to cost-effectively meet the performance goals for the anticipated peak workload.*

Get visibility of business services performance

Infrastructure Healthcheck workshop for SOA leverages IBM Research's SOA Performance and Relationship Analysis—multiple error diagnostic (PARA-medic) proprietary asset that is non-intrusive, independent of implementation technologies (e.g., web server, web application server, enterprise service bus, portal) and agnostic of hardware and software

vendor products. Further, it includes a health assessment of virtual environment implementation such as IBM AIX LPAR, Xen®, and Java Virtual Machine (JVM™).

Infrastructure Healthcheck workshop for SOA also includes proven, pre-defined IBM Global Services methods and best practices designed to help you:

- *Identify where and why end-to-end transactional performance problems are occurring in the infrastructure.*
- *Learn how business services interact with and utilize infrastructure resources.*
- *Discover rogue services.*
- *Correct troublesome configuration errors.*
- *Fix difficult-to-spot service errors by adopting recommended application code improvements.*

Deliver a comprehensive diagnostic and prescriptions to help optimize the IT infrastructure for your SOA projects

Infrastructure Healthcheck workshop for SOA is a service that includes four phases:

Phase 1: Includes a collaborative session in which we gather information about your current IT environment, service delivery requirements, SOA initiatives that are in progress, and work with you to select the infrastructure components to include in the healthcheck, as well as necessary infrastructure monitoring logs.

Phase 2: Includes the use of our SOA PARA-medic asset to perform data analysis and deliver an initial infrastructure healthcheck report.

Phase 3: Includes a one-day workshop during which areas, where known remedies can be applied or further in-depth analysis is needed, are identified.

Phase 4: Documents the outcomes of the workshop and presents the final infrastructure healthcheck report with findings and recommendations.

The infrastructure architecture Healthcheck for SOA also offers a periodic checkup to help increase the agility of your SOA infrastructure architecture to accommodate evolving business requirements.

Why IBM?

Our global intellectual capital, proven methods and practices, and virtually unmatched depth and breadth of experience can help you enable successful, cost-effective SOA implementations. You can rely on our skilled and experienced IT architects to help you quickly get the right level of business services performance and the best use of infrastructure resources. Plus, our comprehensive portfolio of SOA services and solutions is designed to address the entire spectrum of your IT and SOA management lifecycle needs.

For more information

To learn more about IBM SOA Infrastructure Consulting Services—infrastructure Healthcheck workshop for SOA, please contact your IBM representative, or visit the following Web site:

ibm.com/services/itsaconsulting



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