

IBM System z SOA Services

Skills to enhance an on demand IT infrastructure



Offering Highlights

Key benefits these services may provide are:

- **Optimized performance**
- **Enhanced IT skills**
- **Mitigation of risk by leveraging experienced consultants and proven best practices**
- **Reduced total cost of ownership and maintenance**
- **Improved business responsiveness and operational speed**
- **Simplified IT infrastructure management**
- **Access to IBM System z™ development resources**

SOA in an IBM System z Environment

IBM Systems and Technology Group (STG) Lab Services has partnered with IBM Software Services for WebSphere® (ISSW) to assist getting businesses started with service-oriented architecture (SOA), and to help train IT personnel to understand and implement SOA technology across business applications. Your business may benefit from SOA on the IBM System z platform by utilizing the following types of services:

- SOA Jumpstart
- SOA Proof of Concept
- Application Migration Assessment
- Individual Application Review
- Application Development Workshop
- Performance and Tuning Workshop

IBM System z SOA Jumpstart

Is your business using state of the art SOA technology for future implementation? A team composed of highly skilled architects, and project management professionals can review your business infrastructure and provide an architectural SOA review. A typical engagement may consist of or require:

- Duration
A typical engagement is approximately one week during which the team will gather the information needed to deliver an architectural review document tailored specifically for your business.
- Activities
Face to face communications with your IT personnel to gather business information and tailor the SOA review document for your business.
- Deliverables
A technical review document that can be used to map out your business transformation using SOA technology.
- Prerequisites
IBM System z hardware and z/OS® or Linux on System z are desired.

IBM System z SOA Proof of Concept

Do you need your IT personnel to understand future SOA business implementation and transformations? A team composed of highly skilled software engineers, developers, project management professionals, and your IT personnel can select a business functionality to transform with Web Service technology. A typical engagement may consist of or require:

- Duration
A typical engagement is approximately one week during which we can work with your IT personnel and decide what functionality will be used for the Proof of Concept. The team can then implement the functionality using SOA technology.
- Activities
Face to face communications with your IT personnel as well as side by side hands on experience with our expert SOA development personnel for Web Services.
- Deliverables
Hands on training and transformation of current business functionality into SOA Web Service.
- Prerequisites
IBM System z hardware and either z/OS or Linux on System z with respective SOA software.

IBM System z SOA Application Migration Assessment

Do your IT personnel understand current business applications for a transformation to SOA? A team composed of highly skilled SOA IT professionals can conduct an application migration assessment survey with your IT personnel. The survey can help determine a preferred method to transform an application into SOA technology. A typical engagement may consist of or require:

- Duration
A typical engagement is approximately one week during which we can work with your IT personnel to understand your current business application in order to make recommendations on a transformation course into an SOA implementation.
- Activities
Face to face communications with your IT personnel to complete an assessment survey and then develop recommendations for the transformation of the application into SOA.
- Deliverables
An application assessment document that can help IT personnel determine the best way to transform the application into SOA technology.
- Prerequisites
IBM System z hardware and z/OS or Linux on System z.

IBM System z SOA Individual Application Review

Would you like to further your potential SOA use? A team composed of highly skilled SOA IT professionals can conduct an application candidacy review. This review can help your IT personnel determine if an application or functionality within an application should be transformed into SOA technology. A typical engagement may consist of or require:

- Duration
A typical engagement is approximately one week where we can work with your IT personnel to understand your current business application in order to make recommendations on application and function validity for SOA transformation.
- Activities
Face to face communications with your IT personnel to enable the creation of an individual application review that describes the application candidacy for SOA.
- Deliverables
An individual application review document that can enable your IT personnel to help determine the SOA candidacy for a specific application.
- Prerequisites
IBM System z hardware and z/OS or Linux on System z.

IBM System z SOA Application

Development Workshop

Would you like your IT personnel to understand future SOA development, implementation, and transformation?

A team composed of highly skilled software engineers, developers, project management professionals, and your IT personnel can select a business application to transform into SOA. A typical engagement may consist of or require:

- Duration
A typical sizing engagement is approximately one week during which we can work with your IT personnel and decide the time required for the SOA application workshop. Time for the workshop is highly dependant on the size and complexity of the application.
- Activities
Face to face communications with your IT personnel as well as side by side hands on experience with our expert SOA development personnel.
- Deliverables
Hands on training for SOA application development implementation and transformation of current business application using SOA technology.
- Prerequisites
IBM System z hardware and either z/OS or Linux on System z with respective SOA software.

IBM System z SOA Performance

and Tuning workshop

Would you like your SOA environment to run at peak performance? A team composed of highly skilled software engineers, performance professionals, project management professionals, and your IT personnel can conduct a SOA environment performance review to determine opportunities for improving performance. A typical engagement may consist of or require:

- Duration
A typical sizing engagement is approximately one week during which we work with your IT team and decide the time required for the performance workshop. The workshop length is highly dependant on the size and complexity of the environment.
- Activities
Face to face communications with your IT personnel as well as side by side hands on experience with our expert SOA performance personnel.
- Deliverables
Hands on training for SOA environment performance tuning using SOA technology
- Prerequisites
IBM System z hardware, and either z/OS or Linux on System z with respective SOA software.

Pricing

To obtain any of these services, contact one of our opportunity managers to confirm requirements, create a statement of work, and determine pricing.

Who We Are

STG Lab Services is one of the for fee services organizations of IBM's world renowned Systems & Technology Group development labs. Through STG Lab Services you can bring the expertise of the development community on the latest technologies to your enterprise. STG Lab Services can help you with your most difficult technical challenges. We exist to provide successful implementations of emerging technologies to help accelerate a return on your IT investment and drive up your satisfaction with your IBM hardware.

IBM Software Services for WebSphere (ISSW) is a team of highly skilled consultants with broad architectural knowledge, deep technical skills, best practices expertise, and close ties with IBM research and development labs. ISSW's services include skills transfer, implementation, migration, architecture and design services, as well as customized workshops and education to fit your business needs. With its worldwide network of services specialists, IBM Software Services for WebSphere makes it easy for clients and partners to design, build, test, and deploy solutions, helping you to become an on demand business.

Services We Provide

STG Lab Services brings the skills and experience of the lab to your enterprise through on-site consulting, classroom training, and skills transfer to your personnel in your environment. STG Lab Services is designed to help meet your technical assistance needs. STG Lab Services has both high quality, field tested offerings and the resources to bring customized solutions to your enterprise. Contact one of our opportunity managers for more information.

For More Information

To find out more about these services and other related products and services, contact Jerry Koger at jerrykog@us.ibm.com / 1-623-505-4932 or Anthony Dilorenzo at dilorenz@us.ibm.com / 1-845-926-3838.

To learn more about IBM STG Lab Services, visit: ibm.com/systems/services/labservices/.

To learn more about the IBM Software Services for WebSphere organization, visit: ibm.com/developerworks/websphere/services/.



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