

SOA Center of Excellence Solution

Establish a Shared, Service Oriented Integration Infrastructure



Highlights

Sun's Service Oriented Architecture (SOA) Center of Excellence (COE) offers :

- Enterprise architecture charter and SOA adoption roadmap based on business drivers, technology trends, unique organizational challenges
- Shared integration infrastructure and common enterprise services reference architecture to promote shared services, effective reuse
- SOA governance model to define how services are contracted, exposed, accessed, executed, and maintained within and across enterprise applications
- Training and mentoring for SOA practitioners across the enterprise

> SOA evolution with SOA COE solution

Sun's Service Oriented Architecture (SOA) Center of Excellence (COE) solution helps companies build, support, and govern an enterprise SOA foundation.

SOA requires a long-term commitment to enterprise excellence. It is a journey that starts with constructing an SOA foundation to promote asset reuse within your organization. SOA return on investment increasingly grows with standardization of an enterprise services governance model as well as procedures across business units, eventually leading to a service-oriented enterprise.

The ultimate goal of Sun's SOA COE solution is to promote IT and business strategies, exposing business and data services within and across the enterprise using a shared SOA integration infrastructure and common best practices.

SOA COE teams are focused architects and mentors who:

- Build strategic foundations for shared integration infrastructures
- Build enterprise SOA reference architectures based on business domain and enterprise needs
- Discover, enable, and standardize the capabilities of the 4Ps (people, process, platform, and practices) to support and drive pragmatic SOA adoption within the enterprise
- Facilitate evolution of organizational behavior and working enterprise governance models to transform your company into a service-oriented enterprise

Sun SOA COE solution offers a three-phase, comprehensive approach to institute governance over the delivery of identified SOA characteristics within your enterprise, addressing current and future business integration needs.

SOA COE foundation phase

The first phase focuses on building a shared integration design and runtime foundation that can help jumpstart and support the deployment of SOA pilot projects within your enterprise.

Sun architects conduct workshops to help your teams build and consolidate the core integration infrastructure as well as a reference architecture based on identified SOA implementation use cases and proven SOA integration patterns. Sun mentors your team on implementation best practices, focusing on the SOA software development life cycle implementation process.

Towards the end of this 20 weeks-plus phase, you can use the SOA foundation to start multiple SOA projects employing a consistent set of implementation guidelines and delivery principles. A broader rollout of SOA across the enterprise often requires an enterprise architecture migration plan and SOA roadmap that is discovered and prioritized based on business domain drivers, current technology trends, and enterprise architecture strategies. This leads to the next level of SOA adoption within the enterprise.

SOA COE standardization phase

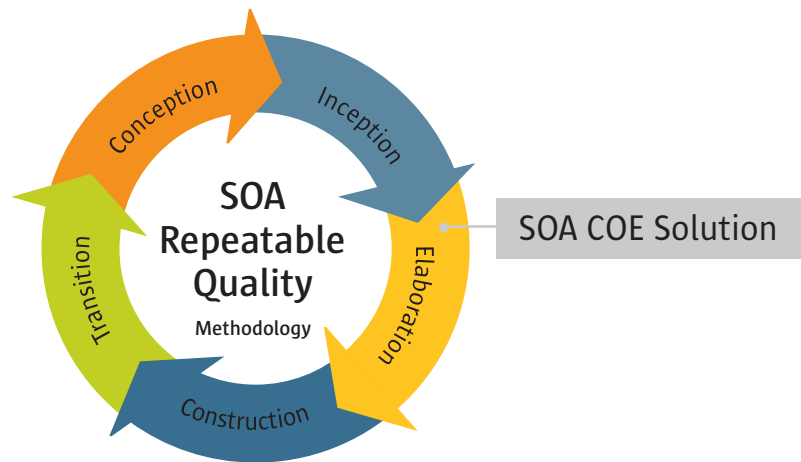
During this phase, formal enterprise governance council roles and responsibilities, people, and processes are identified to support a broader rollout of SOA within the enterprise. Sun conducts training using prescriptive artifacts on business services modeling, services design time, and runtime governance processes and practices.

Based on the enterprise modernization plan, several SOA projects may begin during this phase, focusing on improving internal business processes across business units.

This phase is customized based on the enterprise SOA modernization and service governance enablement plans. Standardizing SOA characteristics delivery practices across business units leads to the next level of enterprise SOA maturity.

SOA COE enterprise SOA phase

This phase is customized to support the broader rollout and optimization of services and business processes based on business growth target needs, IT responsiveness initiatives, as well as internal and external partner integration needs and challenges. Sun architects work with your enterprise architects, SOA governance council, and business and operational leads to build a mature, robust, predictable, and manageable enterprise SOA foundation.



SOA Service Life Cycle

With successful establishment of an enterprise SOA foundation, your flexible IT architecture can adapt to ever-changing business needs and evolving technology trends, leading to higher IT return on investment and business benefits.

About Sun

Sun provides a complete portfolio of affordable, interoperable, and open software systems designed to help you maximize the utilization and efficiency of your IT infrastructure. Built from the secure, highly available foundations of UNIX® and Java™, these systems deliver implementations that are preintegrated and backward compatible. Sun's portfolio consists of Solaris™ and Linux software for SPARC® and x86 platforms, Sun N1™ software, and the Sun Java System.

For more information

Sun has helped many global 1000 enterprises and federal agencies establish a flexible enterprise SOA. Join the list of companies that are leveraging and learning from Sun's pragmatic approach for enterprise SOA adoption.

To learn more about Sun's SOA expertise, please visit sun.com/soa. Requests for information can be e-mailed to soabips_helpdesk@sun.com.