



SOA REPOSITORY

SOA Blueprint

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The SOA repository is the system of record for all enterprise metadata, service definitions, and dependencies. All metadata generated by the tools used by the architect/designer is uploaded to the SOA repository. It provides information required by the consumer as well as additional details required by IT operations for managing the service. The repository defines not only what metrics to capture while monitoring a service from a support perspective but also provides for technical services that are provided by vendors. These technical services can provide dashboards that trigger events such as service alerts for business users.

Teams can also use the SOA repository for service governance, to support the process of submitting designed artifacts to appropriate reviewers for approval. Only after all approvals have taken place does the project manager assign tasks to developers and IT operations.

While there are currently no standards for repositories, several vendors have repositories with capabilities for managing SOA metadata. While there are several 'hub' repositories that are available for complete enterprise metadata management, some vendors concentrate solely on SOA repositories that store a subset of metadata, such as SCA models, BPEL, XPDL, JPD, and WSRP.

Following are the best practices for the SOA repository:

- Search the SOA repository for potential reuse, including business processes, policies, and services
- Review the SLA and service details before identifying the service for reuse
- Upload all the architecture framework documents, enterprise and application models, and standards to the SOA repository
- Define the SOA repository workflow to enforce both design time and runtime governance across the enterprise
- Leverage the service registry (UDDI) for integrating the SOA repository with other repositories within the enterprise.

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