Data Services (SOA) Strategy

Overview

To keep pace with growing data demands and infrastructure complexity, organizations need a new architecture—one designed for extensibility and flexibility—a Service-Oriented Architecture (SOA). Informatica’s approach to data integration and data quality is unique in that it enables shared data services for access, integration, auditing, and reporting to come together on an as-needed basis. Informatica can deploy flexible, easily deployed, and “smart” shared data services that eliminate data silos and simplify integration efforts for organization-wide access to consistent information. With this architecture, IT can extend the utility of existing systems without changing them, and substantially reduce costs and business risks of high-value IT projects.

Although the theoretical promise of enterprise agility is core to the benefits of SOA, many organizations have found that when they have implemented SOA in their application integration layer, they have struggled with the complexities of data fragmentation. This is because traditional SOA-enabling toolsets typically provide only simple data access and lack sophisticated data services. A data service is a modular, reusable, well-defined, business-relevant service that enables the access, integration and right-time delivery of enterprise data throughout the enterprise and across corporate firewalls. Informatica is unique in its ability to provide the widest spectrum of data services encompassing data access services, data discovery services, data cleansing services, data integration services, data delivery services, and metadata services.

Key Program Details

Informatica begins each Data Services Strategy engagement by conducting a requirements gathering exercise to uncover the IT and business drivers around SOA adoption and expected results. In most organizations, we find that over 50 percent of the top ten initiatives being planned for an SOA delivery model require data services. Using the requirements and expected results as a baseline, Informatica will provide a roadmap of how Informatica’s enterprise data services platform can add value to your Service-Oriented Architecture and where the top priority data services exist for project planning purposes. Additionally, the roadmap will specify how an SOA provides an ideal framework for implementing data integration technology across the enterprise. In particular, the following five elements of an SOA will be addressed by the Data Services Strategy engagement:

• Data Semantics: The business context behind data definitions for concepts such as customer address, product category or employee type.
• Data Quality: Improving the accuracy and consistency of the “dirty data” common in disparate applications and legacy systems.
• Data Governance: Data and metadata lineage, management, documentation, reporting, and auditing tools that help satisfy Sarbanes-Oxley and other regulatory requirements.

Benefits

• Informatica Professional Services experience and a unique approach to data quality and data integration
• A roadmap of how Informatica’s enterprise data services can add value to your Service Oriented Architecture
• Auditing tools that satisfy Sarbanes-Oxley and other regulatory requirements
• Support for processing large data volumes

Typical Duration

• 4 Weeks

IPS Staff Level

• Senior Consultant
Key Program Details (continued)

• Data Access: Broad reach into structured, semi-structured, and unstructured data in hierarchical and relational databases, mainframe systems, files and documents, and applications.

• Bulk Data Processing: Support for processing large data volumes, including changed data capture (updating only changed data for faster performance).

Drawing on our proven track record of innovation and leadership, Informatica has defined the standard for data integration that has delivered competitive advantage and operational excellence to leading Global 1000 companies and government organizations.

About Informatica

Informatica Corporation (Nasdaq:INFA) is the world’s number one independent provider of data integration software. Organizations around the world rely on Informatica to realize their information potential and drive top business imperatives. Informatica Vibe, the industry’s first and only embeddable virtual data machine (VDM), powers the unique “Map Once. Deploy Anywhere.” capabilities of the Informatica Platform. Worldwide, over 5,000 enterprises depend on Informatica to fully leverage their information assets from devices to mobile to social to big data residing on-premise, in the Cloud and across social networks. For more information, call +1 650-385-5000 (1-800-653-3871 in the U.S.), or visit www.informatica.com.

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