Accelerate SOA adoption and mitigate risk

Few trends in technology have garnered widespread attention as service-oriented architecture (SOA). This is because the SOA promise is powerful, holding the potential to transform both IT and business.

But this promise doesn’t come without a cost. SOA introduces new levels of complexity that can put business outcomes at risk. As a result, governance is an imperative and a foundational aspect of SOA initiatives today.

HP SOA Systinet software is complete SOA governance software and includes a registry and repository foundation as your enterprise SOA “system of record” and a rich set of governance capabilities:

- **Publish and discovery**: provides a basis for capturing metadata, relationships and service descriptions within a flexible and searchable service catalog.

- **Policy and conformance management**: automates the process of validating architectural consistency, provides registry and repository integrity, and drives interoperability and conformance of services and their artifacts throughout the service lifecycle.

HP SOA Systinet software offers complete SOA governance, including a registry and repository foundation as your enterprise SOA “system of record” and a rich set of governance capabilities.
Consumer management: allows consumers and providers to negotiate and agree upon conditions or use and service-level expectations, reducing conflicts and misaligned expectations.

Lifecycle management: manages the state changes of a service as it evolves across its lifecycle and helps you understand the impact of service changes.

Reporting: lets you create and generate reports for measuring various facets of SOA, including portfolio, conformance and adoption.

Interoperability: provides a UDDI registry for standards-based integration and discovery of services.

Governance Interoperability Framework (GIF): is the most widely adopted set of specifications for SOA governance interoperability and provides seamless interoperability with run-time tools and other SOA infrastructure.

Part of the HP business technology optimization (BTO) strategy for optimizing SOA

For SOA success, you need an integrated approach that strengthens the relationship among stakeholders and leverages assets across the lifecycle. HP business technology optimization (BTO) solutions optimize business outcomes from IT and include SOA governance, quality and management. Benefits of this approach include:

- Greater business agility and fewer duplications of effort by providing services that are consistently discovered, understood and trusted as the basis for new applications.
- Lower maintenance costs and more flexible applications by building consistency into services.
- Higher quality services and fewer service outages by providing services that meet business requirements and deliver uninterrupted performance when they are put into production.
- Reduced risk of SOA initiatives by delivering the flexibility and cost savings that SOA promises without allowing complexity to turn into chaos.

As part of the HP BTO strategy for SOA, HP SOA Systinet lets your SOA stakeholders, such as providers, consumers and enterprise architects, address key challenges such as:

- How do I seamlessly understand the impact of change to my services?
- How can I discover services that I can reuse to support my application?
- How do I determine that my services conform to enterprise policies?
Key features and benefits

- Includes an intuitive service catalog for publishing and discovering business services
- Displays role-based views into SOA information and shows the user experience through an automated process
- Provides a rich registry and repository platform for exposing RSS, rich and UDDI query capabilities with built-in and extensible reporting
- Includes a UDDI registry for seamless interoperability with the SOA ecosystem
- Has rich capabilities, including taxonomy and customization editors, for organizing and managing SOA information
- Contains complete architectural and interoperability policy management capabilities
- Includes capabilities for negotiating consumer and provider contracts and that integrate with HP Business Availability Center software for availability, service health reporting and access to key service metrics
- Results in less conflict and better transparency between consumers and providers
- Supports lower-risk SOA deployments by managing complexity and providing a system of record
- Encourages reuse through service discoverability and trustworthiness
- Provides complete control over the service lifecycle

Choose the capabilities you need

HP SOA Systinet provides complete governance for accelerating adoption and mitigating the risk of SOA. It acts as your foundation for complete visibility, trust and control into your SOA environment.

HP SOA Systinet is available in two editions. HP SOA Systinet Visibility Edition (VE) software provides a consistent way to describe, organize and publish business services and related information for easy discovery, reuse and run-time interoperability. HP SOA Systinet VE also lets you add policy management, consumer management, advance reporting and lifecycle management. HP SOA Systinet Standard Edition (SE) software extends these capabilities through trust and control functions, enabling governance of SOA services.

The above table shows the functions and benefits of each edition.
A complete solution

Comprehensive training
HP provides a comprehensive curriculum of HP Software and IT Service Management courses. These offerings provide the training you need to realize the full potential of your HP solutions, increase your network optimization and responsiveness, and achieve better return on your IT investments.

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