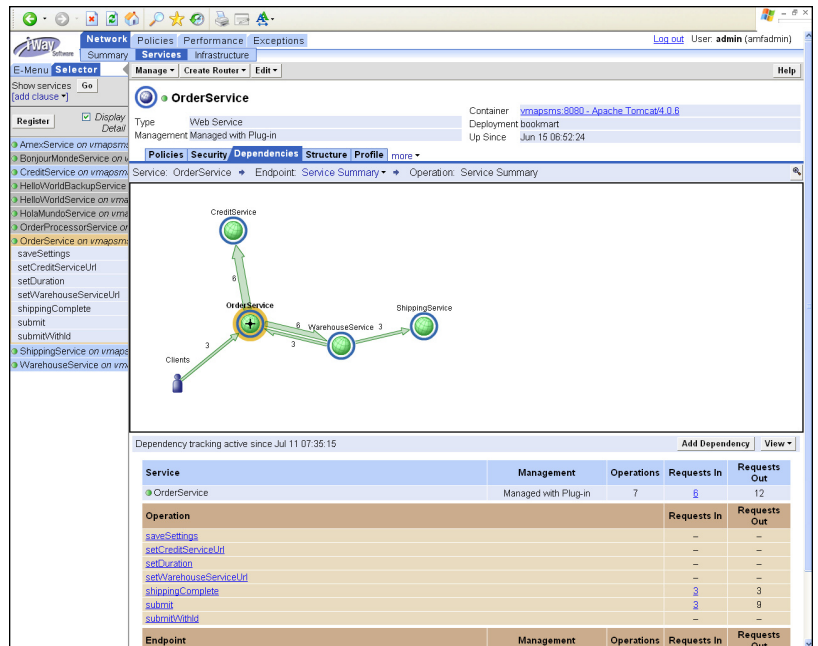


Ensure SLA compliance, test disparate services, and get a real-world view of service invocations, performance characteristics, and more in your distributed-services environment.

- **Service monitoring** for visibility into performance, usage, and dependencies
- **Security** uniquely identified for each endpoint, including WS-Security, XML Signatures, XML Encryption, SAML, etc.
- **Policy management** based on a customizable library of application- and industry-specific policy packs
- **Easy correlation** of policies and services
- **Record-and-replay testing** of distributed service interactions for validation of distributed elements of the SOA

iWay SOA Management Suite



In this screen capture, the SOA Management Suite shows usage metrics and dependencies for the OrderService Web service.

Policy Management, Security, and Testing Made Easy

The iWay SOA Management Suite is an all-graphical tool that provides end-to-end management of security, policy, and monitoring, as well as validation of Web services or other components residing within your company's service-oriented architecture (SOA) infrastructure.

The iWay SOA Management Suite provides a bird's-eye view into the heart of your enterprise's IT nervous system. The SOA Management Suite is comprised of the iWay SOA Management System and the iWay SOA Validation System.

Service Monitoring

As the move toward distributed services continues, the creation of new services from existing systems exponentially increases the risk of potential problems. That

is why it becomes critical to monitor individual components as well as the whole network of services. iWay SOA Management System:

- Provides visibility and control into iWay's enterprise service bus or any iWay Web service or component services
- Analyzes dependencies and provides graphic visualization of Web service activity
- Tracks across multiple application and technology layers
- Monitors the entire SOA stack, from client applications to the back-end system components, and across all types of message and transport protocols, including databases, JMS and WebSphere MQ messaging systems, EJB-based applications, or any of the 300 adapters iWay provides
- Provides customer instrumentation and business dashboards

Security

Along with their many benefits, service-oriented architectures bring new security challenges. Distributed, loosely coupled systems comprising Web services and XML documents create unprecedented requirements for authentication, authorization, confidentiality, integrity, and non-repudiation. iWay SOA Management System:

- Extends network and perimeter security, allowing for unique policies for each endpoint
- Provides policy-based runtime security to easily define, enforce, and monitor security policies, including dynamic application of policies across the SOA using attributes of services and endpoints
- Provides SOAP-aware policies based on SOAP header and body content
- Supports current versions of WS-Security, XML Signatures, XML Encryption, SAML, etc.

Policy Management

iWay helps organizations to achieve better end-to-end control of service-based applications by eliminating erratic policy definitions. Through the use of a comprehensive policy templating mechanism and an automatic policy provisioning system, iWay reduces costs by minimizing the time and skills required to set new policies. Specifically, iWay's unique approach:

- Provides a customizable library of policies that enables application- and industry-specific policy packs that reduce the cost associated with creating and maintaining management policies, while preventing the creation of untested, unapproved policies
- Provisions policies automatically based on service profiles – users can assign policies to dynamic collections of services rather than administering policies one-at-a-time for individual services
- Evaluates dynamic system definitions and automatic re-provisioning of policies when the service profile changes
- Enables users to correlate service and policies, and to see the status of each
- Limits access to sensitive data based on built-in roles
- Communicates with registries in a bidirectional manner
- Retrieves policies referenced in registries and enforces them at runtime, and posts new policies and policy changes to registries

iWay SOA Validation System

The iWay SOA Validation System meets the needs of QA and operations teams, who must validate the services they've changed before taking them into production. It recreates the interactions of the production SOA environment by capturing requests and responses from actual usage and replaying this traffic in a staging environment.

Using the iWay SOA Validation System, QA and operations teams can automatically verify the performance and functionality of a changed service against applications that consume it and the services on which it is dependent. iWay checks the potential impact of policy changes on service-based systems to ensure that the SOA system performs and functions as expected when taken into production. The iWay SOA Validation System:

- Validates services against the entire set of dependent applications
- Uses message capture across diverse environments to create realistic dry runs in the staging environment
- Uses actual responses to verify functionality
- Provides validation rules to account for differences inherent in the validation environment, such as time stamps
- Provides realistic load-testing and capacity-planning scenarios that mimic actual distribution
- Verifies performance goals and new policies
- Simulates production services outside the immediate control of the project or the department

For More Information

For more information about iWay Software and our comprehensive integration platform with codeless connections to over 300 information systems and e-business standards, call toll-free (866) 297-4929 or send an e-mail to info@iwaysoftware.com.



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