



HOW TO AVOID MAKING THE WRONG IMPRESSION WHEN THE BOSS ASKS ABOUT WEB SERVICES MANAGEMENT.

What is the value of a value-added intermediary?

Security.

WSBANG facilitates the implementation of a single security policy across all Web services published or consumed in your enterprise.

Scalability.

WSBANG's caching features and load balancing and clustering capabilities ensure that your Web services can scale to meet demand.

Flexibility.

By acting as an intermediary in front of the target Web services, WSBANG allows for changes in Web services management features without touching the underlying Web services or applications.

WSBANG

INTRODUCING WSBANG 2.0: THE NEXT GENERATION OF THE ORIGINAL WEB SERVICES MANAGEMENT PLATFORM.

A compelling new technology takes hold in the enterprise. Tech architects begin thinking about it. Developers start playing with

it. Business unit managers deploy it for competitive advantage. You've seen this movie before. Soon management-types are sniffing around asking unpleasant questions—like, *Who's managing this stuff?!*

With any luck, you are. As Web services gains momentum, IT organizations require a **single point of visibility** into and control over them. The Web services your company publishes, consumes and relies on need to be **secure, scalable, and flexible**. IT needs to be able to bring new services to market rapidly, reduce the cost of their deployment and maintenance, and institutionalize best practices. Hey, somebody's got to do it.

At its core, WSBANG (pronounced "whiz-bang," for Web Services Broker and Network Gateway) is a message intermediary platform that **enhances Web services** with regard to security, performance and management while also institutionalizing quality of service best practices. Since WSBANG is a message intermediary—an "actor" in the parlance of the SOAP spec—existing Web services can plug in and inherit myriad value-added functions without requiring changes to the underlying application code. WSBANG provides the infrastructure required to **make Web services business grade**.

By the way, WSBANG is available as a **plug-and-play network appliance** or an enterprise software suite configured to your datacenter standards—just in case anyone asks.

||||| WSBANG |||||

Get a WSBANG pilot program up and running in your enterprise fast. Call 212-386-7900 x1749 or email info@primordial.com

CREATING WEB SERVICES IS EASY. MANAGING THEM IS THE CHALLENGE.

Are your Web services secure, and scalable? Can you set and enforce policy centrally? WSBANG provides a single point for managing Web services enterprise-wide.

Endpoint switching

Web service endpoint addresses may become unavailable at runtime due to hardware/network failures or service relocation. WSBANG handles failover contingency and endpoint confirmation (in both WSDL and UDDI) centrally and consistently across all service invocations.

Caching

WSBANG provides a configurable cache of all message requests and responses for a given service. If a Web service result is in cache, it can be sent to the requestor without invoking the target service. The resulting performance improvement is dramatic. The requestor sees faster turnaround time, and the target Web service load is dramatically lessened.

Logging

Extensive logs are maintained by the WSBANG logging engine and this log data is shuttled to an Oracle or SQL Server database. The log data can include timing info including target round-trip in milliseconds; outcome data such as error codes and soapfaults; and some or all of the message bodies for auditing or debugging.

Metering

Using data from the logging engine, WSBANG can provide detailed information on service usage. Who, What and When is available in the WSBANG extensible reporting engine. WSBANG creates a traceability path allowing the administrator to understand which internal applications are dependent on which Web services, in essence creating a roadmap of the entire service-oriented architecture.

Monitoring and QoS

WSBANG provides uptime/downtime reporting, performance vs. SLA metrics, and real-time monitoring of both target service availability and WSDL changes.

Brokering

Multiple binding engines provide support for various Web service connection strategies including: http, https, smtp, Grand Central Network, and the

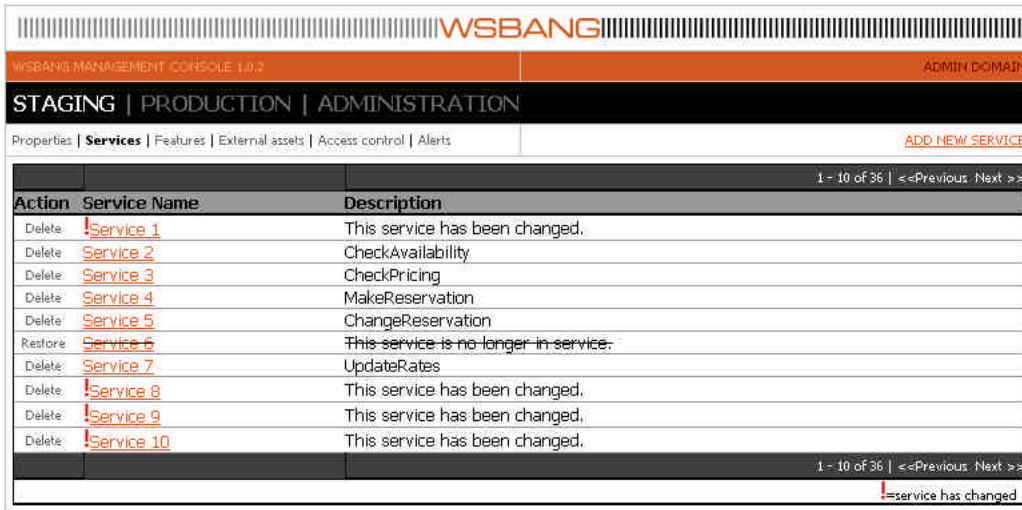
Mirror Image ADN. Web services requestors and providers can support all of these binding engines without altering their applications.

Message Transformation

WSBANG can execute an XSL transformation on both the request and response messages. This allows for modification of element data contained in the message (e.g., adding a password on the fly) or changes to the structure of the message itself. Transformation can apply consistent policies and procedures across multiple service requests originating from disparate platforms.

Access Control

Authentication and authorization are centrally managed by WSBANG, which requires credentials from the requestor and supplies credentials (often not the same as requestor) to the target server. WSBANG supports existing credentialing packages such as Netegrity.



Action	Service Name	Description
Delete	Service 1	This service has been changed.
Delete	Service 2	CheckAvailability
Delete	Service 3	CheckPricing
Delete	Service 4	MakeReservation
Delete	Service 5	ChangeReservation
Restore	Service 6	This service is no longer in service.
Delete	Service 7	UpdateRates
Delete	Service 8	This service has been changed.
Delete	Service 9	This service has been changed.
Delete	Service 10	This service has been changed.

WSBANG is managed through a browser-accessible console.

Encryption

Message encryption (via SSL or XML) and digital signing can be performed by the WSBANG server. Abstracting these tasks to the WSBANG layer greatly simplifies CERT management.

Partner provisioning

Partners and their credentials can be added to an LDAP store that WSBANG uses for credentialing and access control.

Collections

WSBANG can administer multiple collections of Web services, thus allowing a single WSBANG installation to serve the needs of multiple administrators managing unrelated sets of Web services.

Guaranteed Asynchronous Messaging

WSBANG now accepts document-oriented "give-and-go" messages and guarantees their delivery to the target Web service (if the target cannot be found, it returns a dead letter email to the requestor).

Administration

To make WSBANG even easier for administrators to manage, WSBANG is now shipped on a blade server, that is, a single network appliance with multiple specialized servers built into one chassis. This increases availability and leverages other distributed computing features. WSBANG is self-load balancing, SNMP-compliant, and managed via a browser-based console interface.



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