MICRODASYS

WEBSERVICES - A NEW ERA OF SECURITY CHALLENGES

Experts agree that Webservices (XML, SOAP) have already reopened 70% of the attack paths against internet connected systems, that were closed by network firewalls in the 1990s.

Webservices are specifically designed to tunnel through firewalls, using the HTTP or HTTPS protocol. Webservices are beyond the control of the security administrator and can not be inspected by content security scanners. All data attached to a Webservice is encapsulated within the XML request/response and is without the reach of traditional content inspection.

Virtually every software application is now Webservices enabled, - plus thousands of "free" webservices such as chat, webmail and file exchange -, and you may very well be using Webservices without being aware.

"SOAP goes through firewalls like a knife through butter"

- Tim Bray
   Editor - The XML Specification

"Webservices will be the next wave of attacks by those trying to subvert enterprise security policies. Controlling Webservices interfaces is imperative...."

- Gartner
"Management Update: Security Strategies for Enterprises using Webservices", Gartner Research, R. Wagner, IGG-05282003

Viruses and malicious code, inapprobiate content and digital contraband freely traverse your perimeter security, hidden in XML requests.

X~ML~RAY   CONTENT SECURITY FOR WEBSERVICES

THE SOLUTION

XmlRAY inspects all inbound and outbound XML traffic, according to the policies set by the security administrator. The policies are based on the sender, recipient, attached data type, keyword search, request methods and other criteria. All actions are centrally logged and data attachments, i.e. executables, are forwarded to the approbiate content security devices such as AntiVirus, or an authentication proxy. If the XML request and the data attachements conform with the security policies, the request and data are sent to their destination.

FEATURE HIGHLIGHTS

Policy based inspection of all inbound and outbound Webservices (XML)
Interfaces with ICAP enabled content security scanners for Antivirus protection and content inspection.
Auto WSDL feature identifies XML requests and creates a WSDL file if none is present.
Webservices are vertically categorized for quick and easy creation of global acess and action policies.
Easily integrates with Microdasys SCIP for the inspection of SSL encrypted XML requests.
Supports unlimited, multiple accounts with role-based, multi-admin administration.

TECH SPECS

SUN Solaris (SPARC), Win 2000 / 2003 Server, Linux
Dual ICAP mode (server and client)
Scaleable to any network size with HA and LB support
LDAP and Active Directory support

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BRIDGING THE GAP IN CONTENT SECURITY