**M86**™
SECURITY

M86 Secure Web Service Hybrid

M86 Secure Web Service Hybrid is the first Web security system to integrate next-generation Web security appliance technology with cloud-based services. The result is a unified policy management, logging and reporting system for network security personnel who manage end-user Web security across corporate network, mobile and remote branch offices.

OVERVIEW

With the M86 Secure Web Service Hybrid, the company's industry-leading, real-time code analysis technology for malware blocking is now delivered to branch office and mobile users through a hybrid cloud-based service. The technology is already available for corporate network users in an appliance form factor.
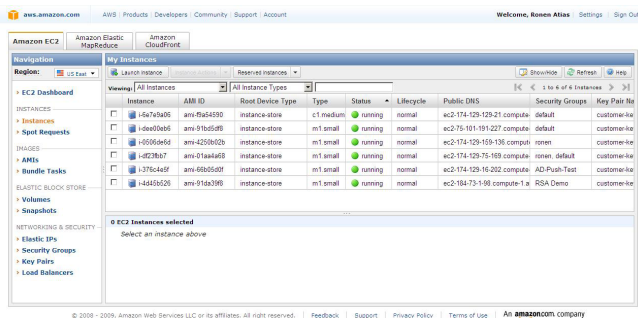
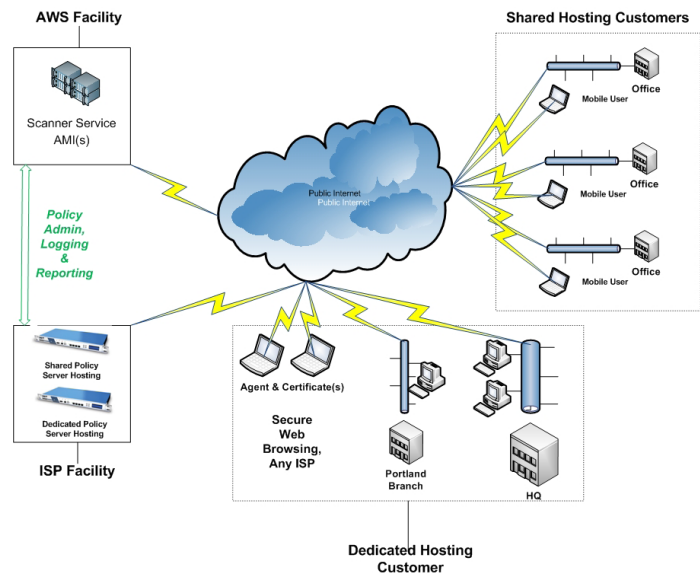**Scanner EC2 Instances of Secure Web Service Hybrid**

KEY BENEFITS

- **Uniform protection for corporate network, branch and mobile users** against the latest web-borne malware attacks, including attacks from legitimate but compromised web sites

- **Efficient unified system for managing web security policy, logging and reporting** reduces the ongoing IT costs of protecting key corporate assets

- **Real-time code analysis and malware blocking** delivers the most advanced security technology for protecting corporate data, assets and systems from new web threats

- **Meets data privacy and regulatory compliance requirements** for security data with on-premise log and report management

NETWORK CONFIGURATIONS

M86 Secure Web Service Hybrid delivers a full range of network configurations to thwart the latest Web-based malware attacks. Mobile users can roam between ISPs and automatically find the closest scanner service cloud node for routing and cleaning of Web traffic. All HTTP traffic, including HTTPs, is scanned and analyzed.

Branch offices can be configured as "Specific IP" networks in relation to the cloud-based scanner services. ISPs can implement hybrid systems with dedicated or shared policy servers to efficiently support multiple subscribers and locations.

ISP Configuration of Secure Web Service Hybrid

AGENTS AND CERTIFICATES

Mobile laptop users install the Secure Web Service Agent and an authentication certificate for cloud node access while on the corporate network. This installation process is automated and designed for volume rollout. Support is also provided to add, delete and update the user certificates. Branch office users connected by the "Specific IP" method do not require the agent or certificate(s).

INFRASTRUCTURE AS A SERVICE

The cloud portion of the M86 Secure Web Service Hybrid consists of real-time malware code analysis, A/V scanning, authentication, load balancing and advanced network protocol functions. These services are implemented as Amazon Machine Images (AMIs), currently available in both North American and European Amazon Web Service (AWS) facilities.

The M86 Secure Web Service Hybrid makes full use of the robust security services provided in AWS. This includes:

- Physical site security
- DDoS mitigation
- SSL endpoint API protection
- SSH access to AMIs
- Protection against port scanning MAC/IP address spoofing and ARP cache poisoning
- X.509 certificate management for firewall configuration changes
- Xen hypervisor services isolation
- Firewall security groups

ABOUT M86 SECURITY

M86 Security is the global expert in real-time threat protection and the industry's leading Secure Web Gateway provider. The company's appliance, software, and Software as a Service (SaaS) solutions for Web and email security protect more than 24,000 customers and over 17 million users worldwide. M86 products use patented real-time code analysis and behavior-based malware detection technologies as well as threat intelligence from M86 Security Labs to protect networks against new and advance threats, secure confidential information, and ensure regulatory compliance. The company is based in Orange, California with international headquarters in London and development centers in California, Israel, and New Zealand.

Firewall Security Group Configuration

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