

Barracuda CloudGen WAF: Secure High Business Impact Applications



Vulnerabilities in Web Applications

Every day, companies are moving more and more of their applications to the public cloud. However, exposing these applications to the outside world makes them vulnerable to data breaches and defacement.

80%

of vulnerabilities are web-based*

75%

of cyberattacks target web applications**

12B

malicious ad impressions per year+

\$3.8M

average cost of a breach**

Common malicious attacks:

▶ SQL injection

▶ Cross-site scripting

▶ Application DDoS

*The SANS Institute. **Gartner. +Online Trust Alliance 2013. ++Ponemon Institute 2015.

Essential Protection for Web Applications

Extra protection necessary for companies:

- With highly specialized LOB applications, such as manufacturing
- Highly reliant on web traffic, such as digital marketing
- Handling highly sensitive data, such as financial services
- With specific compliance requirements, such as healthcare



Web Apps



Mobile Apps



API Apps

Best Practices

Pain points:

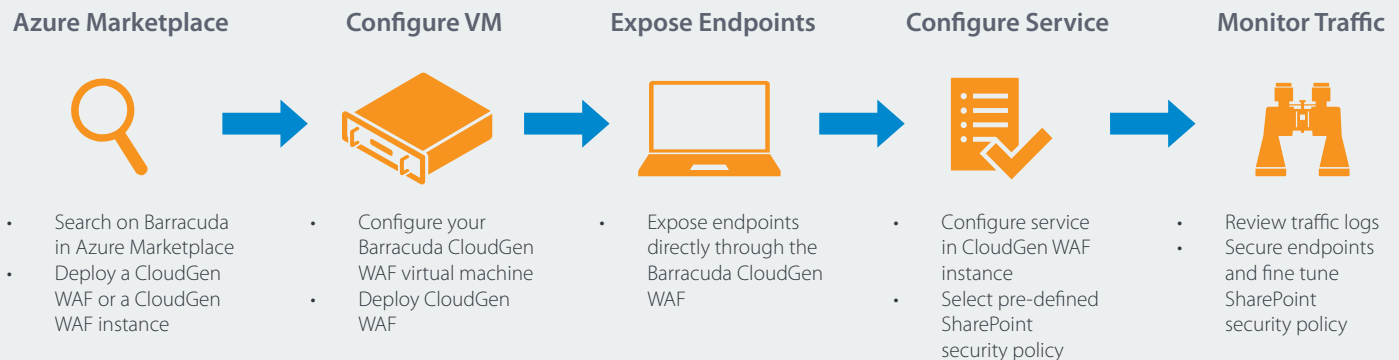
- How can I meet regulatory and compliance requirements for my business-critical applications deployed in a public cloud?
- How do I protect my applications and services that reside in the cloud, such as SharePoint, ADFS, API services, etc?

Addressing pain points:

- Deploy Barracuda CloudGen WAF to protect high business impact applications
- Place a Barracuda CloudGen WAF in front of your application server to inspect traffic, preventing targeted application attacks such as OWASP Top 10, Application DDoS attacks, Web Scraping and more
- Provide an additional security layer for SharePoint. Integrate with ADFS, and provide SSO services for maximum security

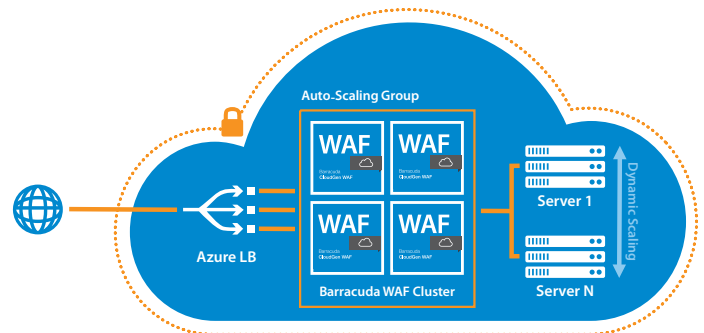
Safe Publishing of SharePoint Applications in Azure

How to Deploy Barracuda CloudGen WAF for SharePoint Applications



Dynamic Scaling in Azure

- Protect multiple applications with single cluster of CloudGen WAFs
- Provide load balancing and maintaining persistence for multiple servers
- Scale Barracuda CloudGen WAF as your needs increase or decrease
- Protect applications with N number of servers using a single cluster of CloudGen WAFs
- Utilize classic (ASM) and resource manager



CloudGen WAF - Unified Security Platform for Your Web Applications



Comprehensive Protection

Protect sensitive information from being exposed at the server and control access based on location



Proactive Defense Mechanism

With Geo-IP control, admins are able to either deny or provide access to certain geographies



Data Loss Prevention

Create custom patterns to prevent the loss of sensitive data, such as social security and credit card numbers



Transparent Authentication

Single sign-on to multiple applications improves employee productivity by eliminating multiple authentication sessions

Why Barracuda

Barracuda Networks, Inc., the leader in the security space, provides security and storage solutions to 150,000 companies globally. Barracuda is the only security solutions provider that utilizes classic (ASM) and resource manager (ARM) environments.

Learn More

www.barracuda.com/azure
www.barracuda.com/programs/azure/application-security
www.barracuda.com/products/webapplicationfirewall

Secure High Business Impact HBI Application in Azure
Hands On Deployment of WAF to Secure your High Business Impact Applications

How to Publish and Secure SharePoint Apps in Azure
Hands-On Deployment of WAF to Secure SharePoint