

Application and Data Security for AWS

Reduce breach and compliance risk in your AWS cloud

Organizations all over the world are migrating their applications and data to the cloud and it's easy to see why. Cloud computing enables organizations to avoid the time and expense of maintaining an on-premises data center. With cloud computing, you can deploy new applications faster, scale your application deployments on demand, and lower operational costs.

Of course, along with the benefits of cloud come new security and compliance risks. Even in the cloud, you retain responsibility for the compliance and security controls that protect your organization's workloads and data from denial of service, web attacks, data theft, and negative audit findings.

If your organization is planning a cloud migration, you need the best protection there is for your business-critical applications and data – you need Imperva Application Security and Imperva Data Security.

Imperva Application Security for AWS

Imperva Application Security provides multi-layered defenses to protect applications from attacks while ensuring an optimal user experience. Imperva provides the following application security capabilities for the AWS cloud:

FLEXPROTECT PRO FOR APPLICATION SECURITY FOR AWS MARKETPLACE, available as Software-as-a-Service (SaaS), protects AWS hosted workloads while also ensuring application availability and optimizing performance. It analyzes and inspects incoming web traffic and stops bad bots and attack exploits. It also correlates millions of events to deliver prioritized and actionable security insights in simple summaries. FlexProtect Pro for Application Security is available in the AWS Marketplace and can be consumed on an on-demand basis.

KEY FEATURES AND BENEFITS

Protect web apps in AWS by accurately pinpointing and blocking attacks without impacting your customers.

Auto scale security and content delivery with your application so you can fully leverage the benefits of AWS elasticity.

Protect data in AWS EC2 and Amazon Relational Database Services (RDS) by monitoring database activity and detecting policy violations.

Automate compliance audit and simplify compliance-proof.

Virtually patch website and application vulnerabilities, eliminating costly and time-consuming emergency code fixes.

Accelerate deployment with AWS CloudFormation templates.

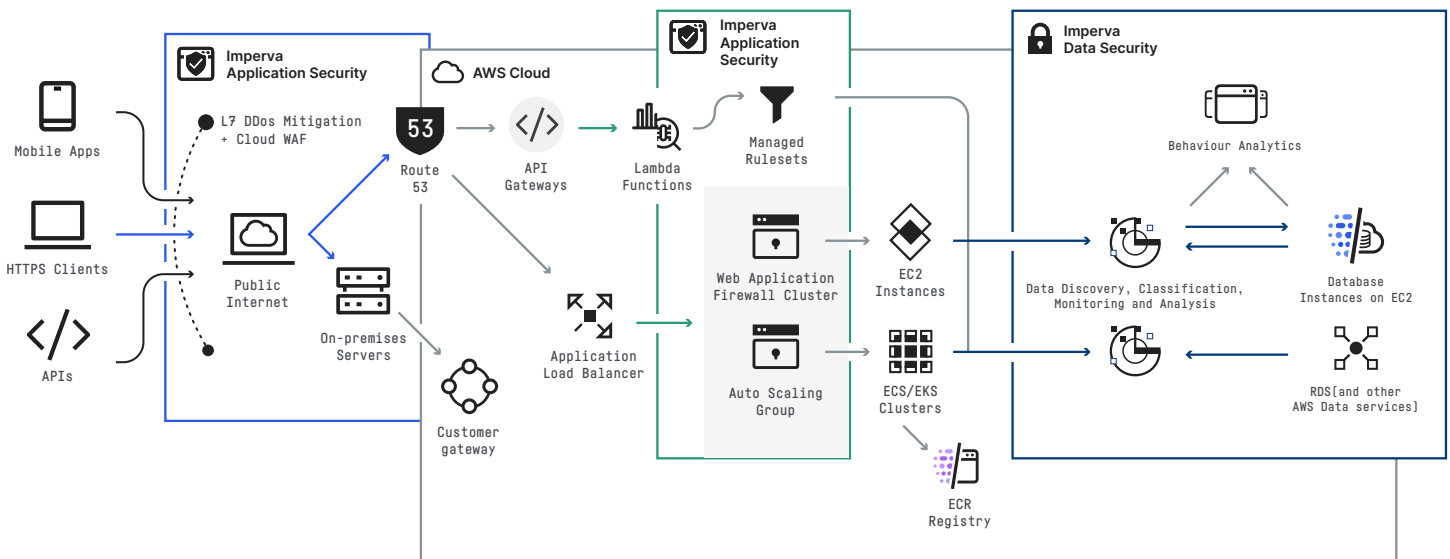
WEB APPLICATION FIREWALL (WAF) appliances, available as AWS AMIs for EC2, prevent web attacks without blocking your customers. Ideal for lift-and-shift cloud migrations, Imperva WAF appliances dynamically create a positive security model of your applications and correlate web requests across security layers to block attacks with laser-like precision. WAF appliances are available on AWS Marketplace and can be consumed on-demand or using a “bring your own license” (BYOL) model.

DDOS PROTECTION, available as Software-as-a-Service (SaaS), mitigates the largest attacks immediately without incurring latency or interfering with legitimate users. Imperva provides two DDoS protection solutions. DDoS Protection for Websites is an always-on service that detects and mitigates attacks targeted at websites and web applications and is backed by a 3-second DDoS mitigation SLA. Imperva also provides DDoS protection for Networks, which is an always-on or an on-demand service that protects DDoS attacks directly targeting your network infrastructure.

Imperva is an analyst-recognized, **cybersecurity leader** championing the fight to **secure data and applications** wherever they reside.

Imperva Data Security for AWS

Imperva Data Security provides real-time data protection and automated compliance auditing for databases running natively on AWS EC2 or in Amazon RDS instances. The solution finds and classifies sensitive data in AWS hosted databases and analyzes all database access, providing a detailed audit trail that shows the “who, what, when, where, and how” of each transaction. Imperva Data Security helps you reduce risk and standardize compliance enterprise-wide by enabling you to leverage common infrastructure, and thus common processes, across hybrid environments where data assets reside, both in AWS and on-premises. Imperva Data Security, available as AWS AMIs for EC2, is published in the AWS Marketplace and can be consumed as a BYOL model.



Imperva can protect databases and applications hosted in multiple Availability Zones to maximize uptime and provide a better user experience to customers in every corner of the globe.