

How BBVA Streamlined Its Web & API Security Across Cloud Native Mobile Banking Apps



INDUSTRY

Financial Services

HEADQUARTERS

Madrid, Spain

COMPANY SIZE

50,000+ employees

OVERVIEW

Banco Bilbao Vizcaya Argentaria, S.A., better known as BBVA, is a Spanish multinational financial services company and is one of the largest financial institutions in the world. BBVA is committed to providing banking solutions using the latest technologies, to extend frictionless real-time banking services to their customers.

OUR SOLUTION



CHALLENGE

Providing end to end web APP & API protection for a large network of Services and Apps.

BBVA required an enterprise grade WAF to protect a large network of services, applications and APIs. The bank needed to increase visibility and easy management that can support wide scale development and CI/CD automation to accelerate their application modernization strategy.



CloudGuard WAF gives us visibility, operational flexibility and most important allow us to protect the Bank's applications with the highest security standards thanks to pre-emptive protection against both zero-days and OWASP-Top-10 vulnerabilities.

Felipe Rodero, Security Architect, BBVA



SOLUTION

As a highly trusted financial services supplier, BBVA needed to increase protection in some services, applications, content management systems, and APIs. The challenge was that while BBVA were accelerating their cloud native development, they wanted to improve control in some environments that could be complex with “legacy” tools: zero-day exploits (leaving them exposed for a long period) or blocking legitimate traffic.

BBVA also required a solution that could keep up with their application expansion strategy at the speed of DevOps including deploying in Public Cloud infrastructures . This required both flexible deployment options and multiple integration points with SDLC tools.

In those environments, They chose Check Point CloudGuard WAF with Automated Web Application and API Protection (WAAP) to give them a leading-edge to protect against known and unknown cyber-attacks while securing applications in their cloud environment built on any architecture. CloudGuard’s ability to precisely detect and eliminate risk while eradicating the need to constantly tune false positives allows security teams to manage Application and API security with minimal overheads and in prevent mode.

OUTCOME

Results at a Glance:

- **Zero-day Protection**

Some Services and Applications are protected against zero-day attacks thanks to CloudGuard pre-emptive ML-based approach which doesn’t require signature updates. A notable example is protection against Log4J which allows the security team peace of mind knowing that systems are protected while they are being patched.

- **Visibility and Control**

The bank had gained considerably easier management using a single dashboard and had achieved much wider and granular visibility into his workload and API eco-system.



We were pleased to find out that CloudGuard WAF provided us with protection against Log4J pre-emptively. We like very much the fact that there is no need for signature/rules updates and tuning.

Felipe Rodero, Security Architect, BBVA



- **Integration & Automation**

The bank has been able to deploy and integrate CloudGuard WAF smoothly with various CSPs and is easily integrated into IaC and CI/CD processes. The Customer has also been fully supported by Check Point's technical teams to address any issue or assist with large scale integrations.

Final Results:

- BBVA has been successfully pursuing its expansion while easily deploying CloudGuard WAF instances and integrating with a wide array of cloud native applications.
- BBVA can now safely offer a wide range of services over Services and Apps worldwide without worrying about zero-day exploits.
- Working with Check Point as a trusted industry leader adds value to BBVA's service and offering that is based on data security and seamless transactions.

ABOUT CHECK POINT

Check Point Software Technologies Ltd. (www.checkpoint.com) is a leading AI-powered, cloud-delivered cyber security platform provider protecting over 100,000 organizations worldwide. Check Point leverages the power of AI everywhere to enhance cyber security efficiency and accuracy through its Infinity Platform, with industry-leading catch rates enabling proactive threat anticipation and smarter, faster response times. The comprehensive platform includes cloud-delivered technologies consisting of Check Point Harmony to secure the workspace, Check Point CloudGuard to secure the cloud, Check Point Quantum to secure the network, and Check Point Infinity Core Services for collaborative security operations and services.

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