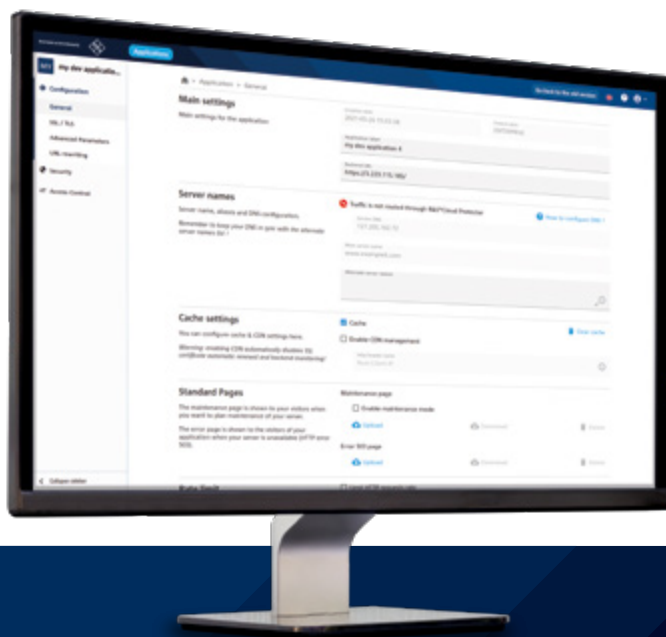Rohde & Schwarz Cybersecurity

R&S®CLOUD PROTECTOR

The easy-to-use SaaS solution that provides effective protection in minutes for your Internet-facing web applications.
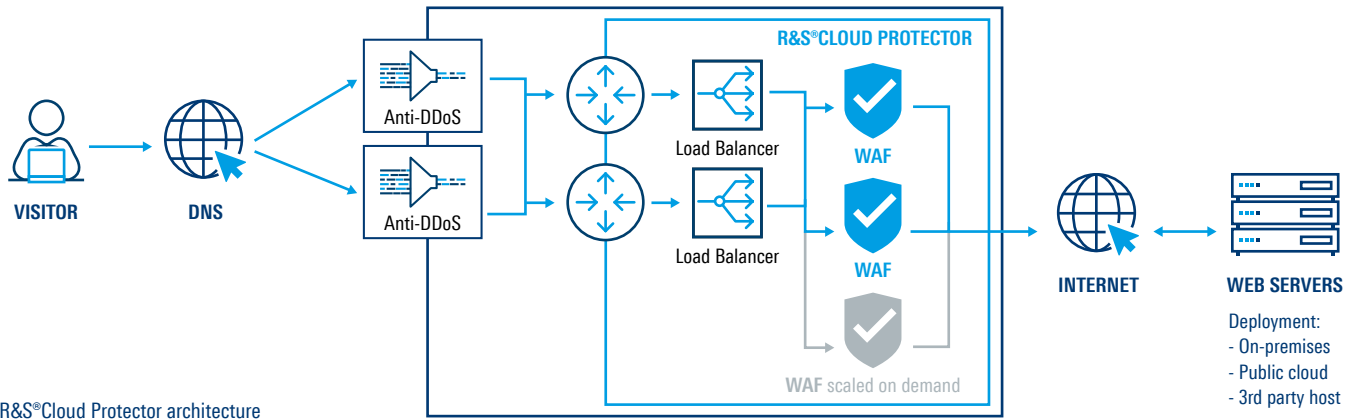
Organizations need solutions as a complete replacement to an on-premises web application firewall (WAF) in order to minimize their administration load. Whether you are developing complex applications yourselves or just using them, you need to be able to ensure their protection. However, hardware / software installation, deployment, product updates and configuration are time-consuming affairs. So more and more businesses are migrating to the cloud to cut down human costs and address scalability issues.

The explosion of shadow IT has made it difficult for organizations that lack the infrastructure to tighten their application security. As businesses tend to grow their presence on the web, they need robust DDoS protection for their applications, and must meet regulatory standards like GDPR. A SaaS model protects your infrastructure from DDoS attacks and has all the benefits of a Cloud WAF. In addition, it relieves you from maintaining the software. It is also more cost effective due to its subscription based licensing. So, if you are looking for a hybrid deployment, a Cloud WAF available as software as a service (SaaS) has several advantages to offer. Thanks to R&S®Cloud Protector, you can focus on your core business and work on staying competitive while the SaaS solution creates a secure ecosystem for your applications.

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ROHDE & SCHWARZ

Make ideas real

R&S®Cloud Protector architecture

How does R&S®Cloud Protector solve your challenges?

Unlike on-premises solutions, you do not have to worry about setting up a dedicated infrastructure in your own datacenter anymore, which eliminates any kind of installation and maintenance costs. This true SaaS solution will save your valuable time, resources and efforts. It mitigates the issues raised by shadow IT, adding a notion of integrity and compliance to the applications on your favorite hosts. Being easy to implement, operate and configure, it can be deployed right away and hence provides a seamless experience. The SaaS WAF helps you scale during peaks in web traffic, upgrade and take the security of your business to the next level.

High-level security and ease of use

You can benefit from the redirection of web traffic through R&S®Cloud Protector from your DNS. This allows a smooth and secure experience for your website visitors. In addition, Let's Encrypt helps manage SSL certificates and thus supports secure HTTPS connections.

High availability and enhanced performance

Thanks to its SLA commitment, R&S®Cloud Protector will not let you down. R&S®Cloud Protector provides robust protection against application and infrastructure DDoS attacks. Acceleration, compression and global caching optimizes the user experience and website performance.

Trustworthy, sovereign, European solution

Hosting is done completely in European datacenters, in compliance with European data protection rules. It is compliant with GDPR regulations to ensure data privacy for every EU client. The technical support team based in France is bilingual and responsive when you need them most. In addition, being CLOUD Act free and the Sovereignty Agreement are key differentiators.

Simple and quick implementation

R&S®Cloud Protector can be deployed with a few clicks and requires minimal administration during the run phase. Owing to the deployment within minutes, the ease of management and API usage as well as the automatic configuration of our solution, the onboarding process becomes really simplified for our customers.

Security engines in WAF-as-a-Service

In parallel to standard engines (normalization, scoring list), R&S®Cloud Protector activates advanced security engines (using grammatical and heuristics analyses), rate limiting, geolocation, 2FA and IP reputation to respond to common attacks, such as OWASP Top 10, zero day attacks and more. Then, it creates signatures to protect your websites and customer information from these vulnerabilities.

Subscription based usage with vendor managed service

The pricing is very flexible since it depends on the number of protected applications and the amount of bandwidth consumed. As you pay only for what you use, it reduces the overall total cost of ownership (TCO) and offers huge savings.

Product versions

R&S®Cloud Protector – Enterprise Edition
Experience bandwidth up to one Gbps, advanced security, superior features like anti-DDoS, two factors authentication (2FA), IP reputation and access to phone support.

R&S®Cloud Protector – Business Edition
Benefit from bandwidth starting from 0.5 Mbps combined with standard security features, SSL termination, auto scaling, multi-tenancy and comprehensive dashboards.

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