

Rohde & Schwarz Cybersecurity announces availability of R&S®Web Application Firewall 6.5

Munich, June 21, 2018 — At the recent Cybersecurity Summit in Paris, IT security expert Rohde & Schwarz Cybersecurity announced general availability of R&S Web Application Firewall version 6.5, enabling existing customers to upgrade to the latest release. The core innovation assembles several features to improve efficacy of the attack detection, while avoiding false positives and maintaining distinctively simple administration.

New Long Term Support version

Over 600 customers have already deployed previous versions of the R&S Web Application Firewall product. The new version, R&S Web Application Firewall 6.5 (Long Term Support, LTS), is the culminating point in the product lifecycle, combining four years of innovation to meet requirements of the most demanding enterprise customers. LTS is a special version which brings together features from previous releases. The release 6.5 is a stable version intended for use in production environment. Over 90 per cent Rohde & Schwarz Cybersecurity customer base uses LTS version to reduce the risk, expense, and disruption of software deployment. R&S Web Application Firewall 6.5 extends the period of software maintenance to at least three years and enables customers to easily manage their web applications. Version 6.5 is driven by customer feedback exemplifying Rohde & Schwarz Cybersecurity's commitment to the best-of-breed application security.

Focusing on customer needs: usability and security

R&S Web Application Firewall 6.5 is grounded in the following needs of Web Application Firewall administrators and DevOps teams: usability and security, such as better protection, faster response times, deployment automation and optimization of administration. Using its unique workflow technology R&S Web Application Firewall is able to meet specific customer requirements while proving a competitive and highly robust security solution.

Usability is a requirement of growing importance in the Web Application Firewall market and the one closely related to a tangible benefit of lower Total Cost of Ownership. Long gone are the days when enterprise organizations could afford to have teams of trained engineers administering complex management consoles, writing scripts, digesting thousands of lines of security alerts to avoid false

positives. R&S Web Application Firewall can be seamlessly operated in the daily business of large enterprises and SMEs alike. The current release contributes to enhancing this key differentiator in a number of ways:

- **Realtime Monitoring & Analytics:** analyzing comprehensive log data is made easier with a web-based and fully configurable security dashboard enabling to identify and respond to anomalies and to adjust security policies accordingly
- New **multi-user management** allowing multiple user accounts to access the management console with writing privileges thus permitting security control to be shared by different administrators
- Improved **replay mechanism** taking advantage of security alerts. This feature is able to 'replay' existing logs against a testing policy, and that for all existing security engines even from custom-made alerts concluding false positive resolution at a glimpse. It can also result in an automatic resolution of a security log or a batch of security logs.
- Whitelisting capability based on the **swagger - open API** specification supporting new web applications that require multiple updates per day. This feature allows to dynamically consume the latest swagger file produced by the DevOps team, and updating the whitelist becomes as simple as uploading the new schema through our API.
- Availability of **API REST/JSON** making the way for new automation and orchestration capabilities.
- **New security engines, JSON security and manipulation and exception management** permitting simple creation and clear graphical integration of any security policy

Security is by far the most critical attributes sought for Web Application Firewall and the one that characterizes Rohde & Schwarz Cybersecurity's competitive edge. The company continues to enhance the products to effectively counter known and unknown application-layer attacks. The following items have been added to the R&S Web Application Firewall feature set for higher security and customization:

- Unparalleled **API Security** with JSON and XML validation, JWT support, fine-grained API whitelisting providing enforced control over the structure of the websites or web services
- New workflow able to validate a JSON document against a **schema enforcing** JSON-based communication in web services and APIs
- **IP Reputation** feature optimizing performance of the Web Application Firewall by adjust the authentication and security policies based on user context and behavior

- Chaining **multiple security engines** for higher security effectiveness on most critical applications and complex user context scenarios
- New '**pooling mode**' feature supporting distributed architectures to provide the best enhancements in terms of security, without compromising user experience

Looking ahead

The company remains committed to further innovation of its application security solutions. Through continued research and development activities Rohde & Schwarz Cybersecurity is already planning the future. New product enhancements that integrate evolving standards and technologies, while harnessing the power of Cloud and Artificial Intelligence will continue to enchant the customers.

Product availability

R&S Web Application Firewall 6.5 is available for immediate download from:

<https://my.denyall.com/index.php>

<https://aws.amazon.com/marketplace/pp/B0199BZZNM> (BYOL)

<https://aws.amazon.com/marketplace/pp/B01N4Q0INA> (pay as you go)

To learn more, please visit the product pages:

<https://www.denyall.com/solutions/web-application-security/>

<https://www.denyall.com/products/web-application-firewall/>

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Rohde & Schwarz Cybersecurity

Rohde & Schwarz Cybersecurity is a leading IT security company that protects companies and public institutions around the world against cyberattacks. The company develops and produces technologically leading solutions for information and network security, including highly secure encryption solutions, next-generation firewalls and firewalls for business-critical web applications, innovative approaches for working in the cloud securely as well as desktop and mobile security. The award-winning and certified IT security solutions range from compact, all-in-one products to customized solutions for critical infrastructures. To prevent cyberattacks proactively, rather than reactively, the trusted IT solutions are

developed following the security-by-design approach. More than 500 people are employed at locations in Germany, France, Spain and the Netherlands.

Rohde & Schwarz

The Rohde & Schwarz technology group develops, produces and markets innovative test and measurement, information and communications technology products for professional users. Rohde & Schwarz focuses on test and measurement, broadcast and media, cybersecurity, secure communications and monitoring and network testing, areas that address many different industry and government-sector market segments. Founded more than 80 years ago, the independent company has an extensive sales and service network in more than 70 countries. On June 30, 2017, Rohde & Schwarz had approximately 10,500 employees. The group achieved a net revenue of approximately EUR 1.9 billion in the 2016/2017 fiscal year (July to June). The company is headquartered in Munich, Germany, and also has regional hubs in Asia and the USA.

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