Array Network Functions Platforms Validated to Support SiteGuard Web Application Firewalls

AVX Series service chains Array virtual ADCs for SSL offload, SSL intercept and load balancing with JP-Secure's WAF, improving performance and allowing full inspection of encrypted traffic

Milpitas, CA and Kawasaki City, Japan – July 31, 2018 – Array Networks Inc., the network functions platform company, today announced validation of JP-Secure's SiteGuard virtual web application firewalls as certified compatible with Array's AVX Series Network Functions Platform. Headquartered in Kawasaki City, Japan, JP-Secure offers localized SiteGuard WAF software throughout Japan, as well as SiteGuard Lite, its hosted WAF software that is used by more than 400,000 WordPress and other sites.

SiteGuard is typically deployed as software on Commercial Off-The-Shelf (COTS) hardware; however, deploying on Array's AVX Series provides a number of key advantages:

- **Offloads SSL processing to enhance WAF performance:** vAPV instances running on the AVX Series utilize the system's hardware SSL resources to provide accelerated SSL processing and reduce workload on the SiteGuard WAF, improving performance.
- **Enables full inspection of SSL traffic:** AVX Series running Array's vAPV virtual ADCs with the SSL intercept option allows encrypted traffic to be decrypted, passed to the SiteGuard instance as cleartext to allow full inspection, then re-encrypted by a second vAPV instance before being sent on to its final destination.
- **Provides redundancy and high availability:** The vAPV load balancer running on AVX Series provides health checking to ensure the availability of SiteGuard instances, automatically diverting to a healthy instance in the event of downtime.
- **Consolidates multiple VAs or software with guaranteed performance:** AVX Series Network Functions Platforms can consolidate multiple Array and third-party virtual appliances or software – such as DDoS protection, ADC, NGFW and WAF – onto a single appliance, saving rack space, power and cooling and allowing service chaining for enhanced security functionality, while providing each instance with guaranteed performance through dedicated CPU, memory, I/O and SSL resources.

"SiteGuard is another great example of the diverse range of third-party devices that can benefit from deployment on our Network Functions Platform," said Milind Kulkarni, senior director of Product Management at Array Networks. "JP-Secure's SiteGuard is a proven technology that is widely used to protect web assets throughout Japan. By combining SiteGuard on our platform with our virtual ADCs, organizations can realize the full benefit of WAF technology, with the flexibility to customize their deployment with other best-of-breed products to optimize their operations."

Array's Japan offices will develop and release a deployment guide for JP-Secure's SiteGuard running on Array's AVX Series Network Functions Platforms.

About Array Networks
Array Networks, the network functions platform company, solves performance and complexity challenges for businesses moving toward virtualized networking, security and application delivery. Headquartered in Silicon Valley, Array addresses the growing market demand for network functions virtualization (NFV), cloud computing, and software-centric networking. Proven at more than 5,000 worldwide customer deployments, Array is recognized by leading analysts, enterprises, service providers and partners for pioneering next-generation technology that delivers agility at scale. To learn more, visit: www.arraynetworks.com.

About JP-Secure
JP-Secure provides products and services based on the technology and know-how of the "Japan-originated world" so that the Internet that has become part of daily life can be used safely and with peace of mind. In order to realize an IT society that can be used with confidence from the enterprise to the home, we will nurture technology and people and will always contribute to society in good faith. For details, please visit https://www.jp-secure.com/.

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