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Marvell Enables Enterprise Data Center and Private Cloud Security with Innovative LiquidSecurity Network HSM

Delivers Unparalleled Performance, Scalability and Secure Remote Management Leveraging Existing Deployments at Amazon, Google and Oracle

SANTA CLARA, Calif., March 4, 2019 /PRNewswire/ -- Marvell (NASDAQ: MRVL) today announced its LiquidSecurity® Network Hardware Security Module (HSM) for the enterprise data center and private cloud. This purpose-built solution leverages Marvell's successful deployments of its scalable cloud-focused security offerings in public cloud and extends its technology leadership into enterprise environments. Marvell's LiquidSecurity solution provides enterprise data centers and private cloud with a robust, high performance, scalable HSM with a simple, secure user interface for ease of management. The newly launched module already enables FIPS 140-2 level 3 security at multiple public cloud providers such as Amazon CloudHSM, Google Cloud Platform Cloud HSM and Oracle Cloud Infrastructure Key Management.

Virtualization in today's data centers is increasing with the growing creation and usage of data. Traditional enterprise implementations are migrating to a private and public cloud model where they can co-locate and share resources with multiple services. However, many of the security solutions developed to safeguard from attacks were not designed to operate in cloud environments. The Marvell LiquidSecurity Network HSM was developed to meet the ever-evolving security needs of the enterprise and cloud data centers while enabling rapid deployment and remote management in lights out environments.

"Our LiquidSecurity HSMs are a game changer and offer true scalability including unlimited client licenses, high availability, load balancing and multi-role policies that are increasingly required in data center deployments," said Tejinder Singh, general manager of Security Solutions at Marvell Semiconductor, Inc. "At a higher level, our existing partnerships with Amazon, Google and Oracle, among others, enable us to safeguard enterprise client deployments in the public cloud and we are excited to now bring the same robust and secure functionality to enterprise and private cloud data centers."

Availability:
This robust solution is currently sampling to tier 1 enterprise customers and will be available for mass production in Q2 of 2019.

Marvell LiquidSecurity Key Features:

- 35K 2048-bit RSA ops/sec
- 160K AES-GCM ops/sec

- 100K (any key size) storage in FIPS boundary
- Support for multiple ECC curves
- 32 run time scalable and isolated partitions per appliance
- Secure and Remote Management UI
- Elastic HSMs: Scale up/down on single appliance or using a cluster of multiple partitions on different appliances
- Division of roles and policies for Cloud
- Source code and unlimited usage client license
- Rich networking support: Up to 2 x 10GbE

About Marvell
Marvell first revolutionized the digital storage industry by moving information at speeds never thought possible. Today, that same breakthrough innovation remains at the heart of the company's storage, processing, networking, security and connectivity solutions. With leading intellectual property and deep system-level knowledge, Marvell's semiconductor solutions continue to transform the enterprise, cloud, automotive, industrial, and consumer markets. To learn more, visit: https://www.marvell.com/.

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Marvell Media Relations

Hanna Kang
Senior Manager, Public Relations
408-222-3780
hhkang@marvell.com

Kristin Hehir
Senior Manager, Public Relations
408-222-8744
kristinh@marvell.com

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