

Palo Alto Networks Delivers Enterprise Wide Quantum Security Readiness for All Customers

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New multi-cloud network security capabilities announced for its leading software firewalls

SANTA CLARA, Calif., Aug. 14, 2025 /PRNewswire/ -- Palo Alto Networks® (NASDAQ: PANW), the global cybersecurity leader, today announced two new security solutions to help organizations confidently navigate the evolving quantum landscape, and to keep pace with highly dynamic cloud and AI environments. These innovations provide enterprises with the visibility, agility and robust defenses needed to accelerate their quantum readiness and secure their workloads in a multicloud world.

Anand Oswal, SVP and GM of Network Security, Palo Alto Networks

"The quantum threat to encryption is no longer theoretical; it's an inevitability that demands action now. With these latest innovations that cover the entire quantum readiness lifecycle, we are pioneering the defense for this new era. Every Palo Alto Networks customer that uses our latest software will be able to accelerate their journey to becoming quantum safe, with the intelligence and infrastructure needed to proactively secure their most critical assets from tomorrow's threats, today."

Palo Alto Networks delivers a comprehensive approach to quantum readiness across the enterprise. As the first step, Next-Generation Firewall and Secure Access Service Edge customers gain complete visibility and control over their cryptographic risk posture through the company's Quantum Readiness Dashboard. Next, for applications that don't natively support quantum safe encryption, this release introduces the industry's first cipher translation, which instantly upgrades any application to be quantum safe. Palo Alto Networks is also introducing Quantum-Optimized Hardware — 14 new 5th-generation Next-Generation Firewall models — that future-proof security investments with high-performance processing of post-quantum cryptography (PQC).

Pete Finalle, Research Manager, Security and Trust Team, IDC

"The increased urgency to achieve quantum readiness, coupled with the proliferation of multicloud environments and rapid advancements in AI, has created a complex and fragmented security landscape for the modern enterprise. This has created blind spots and inconsistent policies for businesses striving to establish a resilient zero trust architecture. Palo Alto Networks proactively addressing quantum computing threats with 'crypto agility' is a key differentiator. Additionally, highly scalable software firewalls with complete deployment automation and native microsegmentation address critical visibility and operational challenges in network security."

In today's complex multicloud and AI-driven landscape, organizations need intelligent and agile security more than ever, and the latest innovations address this need by delivering on a bold new vision for cloud network security. Palo Alto Networks Cloud Network and AI Risk Assessment continuously assesses every cloud and AI asset for risks from weak or missing protection, highlighting where security controls are needed for optimal security. Software firewall, cloud firewall and [Prisma® AIRS™](#) instances are automatically deployed, and all cloud infrastructure is configured to steer traffic, including a secure multicloud networking mesh. The platform automatically scales as needed, and load balancing is integrated natively, eliminating the need for additional point products and streamlining operations. This is the industry's first network security platform that automatically discovers, deploys and scales security for today's dynamic multi-cloud and AI environments.

Mehdi Lahrech, Senior Manager, Hybrid Cloud Networking, National Basketball Association (NBA)

"We aim to deliver secure, high-performance digital experiences — from real-time game analytics to fan engagement — that build trust with our community. As we expand our multicloud infrastructure, we rely on Palo Alto Networks innovative platform to support this vision. With this latest update, we gain a unified platform that empowers us to rapidly scale services, protect critical digital assets and stay ahead of evolving threats, making Palo Alto Networks our trusted partner for securing the future of the game."

Scott Moser, SVP, Chief Information Security Officer, Sabre

"Our vision at Sabre is to power the global travel industry by providing innovative software and technology solutions, and we can't be distracted or slowed down by cyberthreats. With the threat landscape being radically changed by AI-powered attackers, complex global architectures and the huge shifts coming with quantum computing, we need a cybersecurity partner with a powerful vision and a proven ability to execute. This announcement is just another milestone that proves why Palo Alto Networks is our partner of choice for cybersecurity."

These innovations and other key features will be available through a software upgrade to PAN-OS® 12.1 Orion. To learn more about PAN-OS 12.1 Orion and Palo Alto Networks next-generation security solutions, read the [blog](#).

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About Palo Alto Networks

As the global AI and cybersecurity leader, Palo Alto Networks (NASDAQ: PANW) is dedicated to protecting our digital way of life via continuous innovation. Trusted by more than 70,000 organizations worldwide, we provide comprehensive AI-powered security solutions across network, cloud, security operations and AI, enhanced by the expertise and threat intelligence of Unit 42®. Our focus on platformization allows enterprises to streamline security at scale, ensuring protection fuels innovation. Explore more at www.paloaltonetworks.com.

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purchasing decisions and the length of sales cycles; our competition; our ability to attract and retain new customers; and our ability to acquire and integrate other companies, products, or technologies. We identify certain important risks and uncertainties that could affect our results and performance in our most recent Annual Report on Form 10-K, our most recent Quarterly Report on Form 10-Q and our other filings with the U.S. Securities and Exchange Commission from time-to-time, each of which are available on our website at investors.paloaltonetworks.com and on the SEC's website at www.sec.gov. All forward-looking statements in this press release are based on information available to us as of the date hereof, and we do not assume any obligation to update the forward-looking statements provided to reflect events that occur or circumstances that exist after the date on which they were made.



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