

Palo Alto Networks and IBM Plan to Launch Joint Solution to Accelerate Enterprise-Wide Quantum-Safe Readiness

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Service will leverage IBM Consulting's quantum safe expertise and Palo Alto Networks network security platform to help discover, protect and migrate critical cryptographic infrastructure

SANTA CLARA, Calif., Nov. 19, 2025 /PRNewswire/ -- As the path toward large-scale, fault-tolerant quantum computing rapidly accelerates, enterprises must act now to secure their data. To provide a path to a quantum-safe future, Palo Alto Networks (NASDAQ: PANW) today announced a plan with IBM to offer a new Quantum-Safe Readiness solution designed to help enterprises identify cryptographic exposure, understand quantum-computing related risks, and accelerate their transition toward quantum-safe security.

By combining IBM's Quantum Safe Transformation services with the foundational network-level cryptographic intelligence from Palo Alto Networks security platforms, the new solution will give customers a comprehensive and actionable view of their cryptographic posture across hybrid environments, enabling them to accelerate their readiness for the post-quantum era.

Anand Oswal, EVP, Network & AI Security Products at Palo Alto Networks

"Our customers need a comprehensive, practical roadmap to a quantum-safe future and the experts to help them execute it. This collaboration provides just that by integrating our platform's deep cryptographic visibility and unique cipher translation capabilities with IBM's renowned quantum-safe services. Our cutting-edge solution will be able to immediately identify an organization's risk from a cryptographically relevant quantum computer and apply controls to protect their most vulnerable assets today, buying them critical time to execute a full migration."

A full quantum-safe migration is a complex transformation exercise that can consume significant enterprise time and resources, but with effective planning and preemptive readiness work, organizations can mitigate and limit the exposure to this risk. This risk is amplified in the age of AI, where massive datasets—often containing sensitive intellectual property and personal data—are the fuel for new models. Securing this data is paramount, and organizations must start their path to quantum-safe readiness immediately to protect their future.

The joint solution from Palo Alto Networks and IBM will provide a practical and accelerated approach to quantum-safe readiness. This approach begins with Quantum Risk Discovery & Assessment and moves to full-scale quantum-safe remediation, leveraging the [Palo Alto Networks Quantum Readiness solution](#) to create a comprehensive, automated inventory of cryptographic assets and usage across the enterprise networks. Crucially, the service will also include real-time protection through Palo Alto Networks Cipher Translation capability, which intercepts quantum-vulnerable cryptography from any device or application and instantly upgrades communications to quantum-safe algorithms. Finally, IBM Consulting Cybersecurity Services professionals will utilize this telemetry to map assets, analyze risk and develop a strategic migration roadmap.

Mark Hughes, Global Managing Partner, IBM Consulting Cybersecurity Services

"Becoming 'quantum safe' is not a single event; it's a strategic enterprise transformation. This collaboration with Palo Alto Networks is critical because it delivers the foundational network visibility and control needed for that journey. Together, we are providing clients with the strategic roadmap and the technical controls necessary to manage their cryptographic transition to protect against harvest-now, decrypt-later attacks and build a secure foundation for innovation in the quantum era."

The new joint solution is expected to be available in early 2026. For more information, please visit the [Palo Alto Networks and IBM](#) partner page.

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.

Forward-Looking Statements

This release contains forward-looking statements that involve risks, uncertainties and assumptions, including, without limitation, statements regarding the benefits, impact, or performance or potential benefits, impact or performance of our products and technologies or future products and technologies. These forward-looking statements are not guarantees of future performance, and there are a significant number of factors that could cause actual results to differ materially from statements made in this release, including, without limitation: developments and changes in general market, political, economic, and business conditions; risks associated with managing our growth; risks associated with new products and subscription and support offerings; shifts in priorities or delays in the development or release of new offerings, or the failure to timely develop, release and achieve market acceptance of new products and subscriptions as well as existing products and subscription and support offerings; failure of our business strategies; rapidly evolving technological developments in the market for security products and subscription and support offerings; our customers' 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 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.

Statements regarding IBM's and Palo Alto Networks' future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only.



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