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9:00 am – 9:20 am

The Hidden Threat: Managing Third-Party and Machine (Non-Human) Identities in a Zero Trust World

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Abstract:

In today's dynamic cybersecurity landscape, identity is the new perimeter, and efficient identity security is critical to protecting Department of Defense (DoD) and federal government systems. As agencies continue to expand their reliance on third-party contractors, APIs, service accounts, RPAs, and bots, the complexity of identity security grows, increasing the risk of cyber threats and operational inefficiencies.

This brief discussion explores how poor identity security practice leads to security gaps, inefficiencies, and compliance risks, with a focus on real-world breaches of third-party software vendors in the government supply chain that exploited weak identity controls. We will highlight how overprivileged access, inadequate access governance, and lack of visibility into machine identities create vulnerabilities that adversaries can exploit.

By adopting Zero Trust principles and identity security best practices, federal agencies can streamline operations, reduce risk, and ensure only the right people and machine identities have the right access at the right time. Attendees will gain practical insights on automating the identity lifecycle, enforcing least-privilege access, and leveraging AI-driven monitoring to enhance both security and efficiency.

At the end of this session, you will have an understanding of what it takes to implement identity security frameworks that improve security, operational agility, and compliance in alignment with DoD Zero Trust strategies and federal mandates.