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10:00 AM - 10:20 AM

The Multi-Domain Cyber Imperative: Building a Core of Security around Mission-Critical Data

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Abstract:

With today's multi-domain data sharing requirements and cyber threat landscape, a data-centric layered defense approach utilizing a Zero Trust security architecture around critical data is key. According to Randy Resnick, director, Zero Trust Portfolio Management Office, Office of the DoD CIO, "It is a new way, it is the only way, that we can protect our data from adversaries going forward." Providing Zero Trust data and network security in the field and with foreign partners in multi-domain environments can be challenging, both conceptually and practically. Finding zero trust accreditable and scalable solutions for the verification of data and assets that may be detached from physical locations requires a new set of technology. These technologies should permit and include secure but seamless sharing of data between mission partners while granting only conditional access to data and networks. In this session we'll discuss what progress has been made in this field, strategic foresight, foreseeable demand for the integration of devices and users in numbers and quality, and potential new approaches and solutions like autonomous AI.