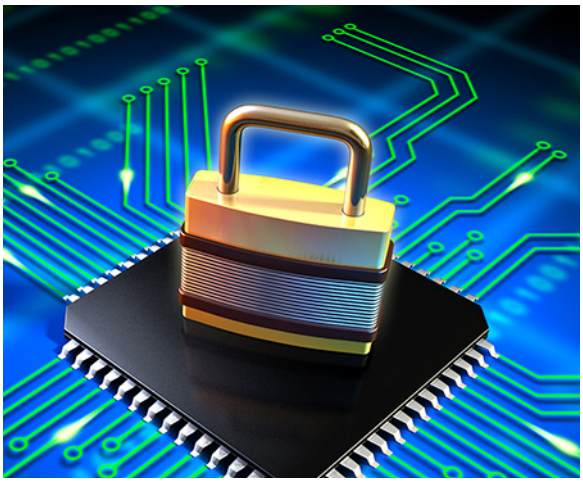
OBJECT MANAGEMENT GROUP ®

Threat Modeling



Threat information sharing enables system engineers and architects to build systems-of-systems that implement and leverage the capabilities to share threats (and potentially actual attacks) across different IT systems and standards. To enable threat sharing across different protocol platforms and systems, a platform independent model of threats is needed for establishing a common understanding.

The Object Management Group® (OMG®) Security Fabric Working Group (as part of the OMG System Assurance Task Force) has begun to look into a model for threat modeling as part of its charter to improve overall systems security and reliance. This model's goal would be to understand the problems that will inevitably arise in identifying a shared ontology for threat sharing in a limited initial phase, and then broaden the scope to develop a comprehensive meta-model that can be leveraged in various ways.

Security Working Group

The Security Fabric Working Group (SFWG) will coordinate, guide, and promote the use and evolution of end-to-end embedded systems security technology. SFWG will grow a community of practice formed by people engaged in the collective learning process focused on securing all critical infrastructure including- but not limited to- defense, power grid and oil and gas, telecommunications, and finance. The SFWG will offer case studies illustrating how the Security Fabric Reference Architecture has been used.

Learn more about SFWG at **http://sfsig.omg.org/index.htm**.

Want to learn more?

Contact our Business Development team via E-mail at **bd-team@omg.org** to get started.

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