SAP Security Concepts and Implementation
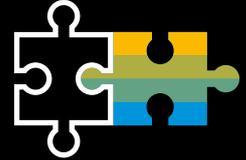
Product Security Validation at SAP

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External Independent Assessments

Product security validation at SAP® is the customer's advocate for holistic product security and data privacy. Before SAP software is released or shipped to customers, a final validation of its security properties and data privacy controls is performed. This validation helps ensure each SAP software product is secure and up to the challenges of real-life deployment at the customer site.

The product security validation process provides governance on the implementation of the secure software development lifecycle, performs additional security checks, and supervises the implementation of data privacy features.

Product security validation provides governance on the security and data privacy of the product as well

as its integration security within the customer's existing software landscape.

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For all software developed, delivered, provided, or operated by SAP as part of a product or service, security and data protection risks need to be identified and transparently managed. This is to achieve a secure software development and application security lifecycle. Product security validation is the mandatory final control for this process.

Based on the product risk, the validation team determines a meaningful scope and effort to assess the security and data privacy status and performs an in-depth analysis of the implemented security and data privacy controls.

To validate the security of the customer's software during the product security validation phase, business scenarios are selected based on their inherent risk. In a sense, the product security validation process acts as the first customer and determines whether the customers' expectations for product security are being met.

The focus of product security validation is not only on product security. It also ascertains the security of the integration of an SAP solution within the customer's existing software landscape. Advanced methodologies used for this include threat modeling, architecture reviews, and penetration testing. These tests help detect potential flaws and vulnerabilities in either code or application logic.

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