

Welcome to the jungle Navigating the complexity of security

Tobias Lejczyk, SAP

Public



Disclaimer

The information in this presentation is confidential and proprietary to SAP and may not be disclosed without the permission of SAP. Except for your obligation to protect confidential information, this presentation is not subject to your license agreement or any other service or subscription agreement with SAP. SAP has no obligation to pursue any course of business outlined in this presentation or any related document, or to develop or release any functionality mentioned therein.

This presentation, or any related document and SAP's strategy and possible future developments, products and or platforms directions and functionality are all subject to change and may be changed by SAP at any time for any reason without notice. The information in this presentation is not a commitment, promise or legal obligation to deliver any material, code or functionality. This presentation is provided without a warranty of any kind, either express or implied, including but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or non-infringement. This presentation is for informational purposes and may not be incorporated into a contract. SAP assumes no responsibility for errors or omissions in this presentation, except if such damages were caused by SAP's intentional or gross negligence.

All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of their dates, and they should not be relied upon in making purchasing decisions.

Organization

Awareness

Security Governance

Risk Management

Process

Regulatory Proces
Compliance

Data Privacy & Protection

Audit & raud Management

Application

User & Identity Management Authentication & Single Sign-On

Roles & Custom Code
Authorizations Security

CLOUD

System

SAP Security Baseline Template

Overview, Requirements and Guidelines

TABLE OF CONTENTS

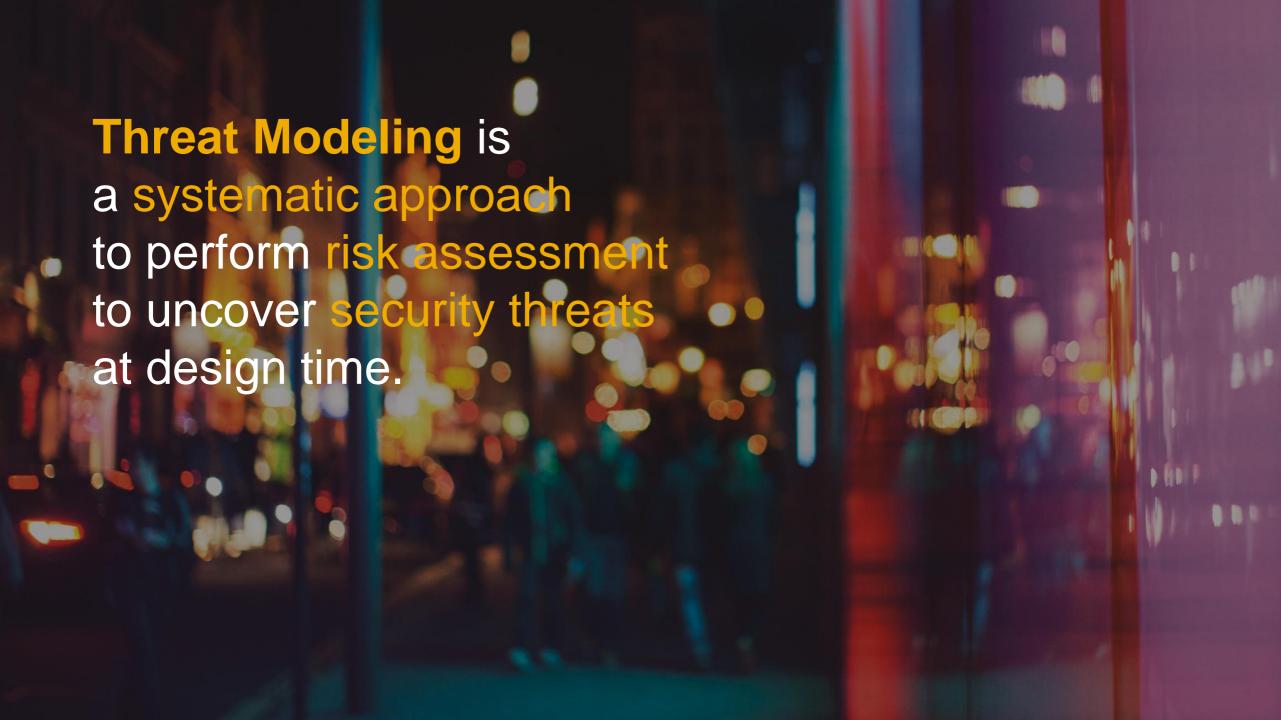
Environment 2 2.1

Purpose of this template .. Environment..... Network Security..... Operating System and Database Security..... 2.1.3 2.2 System Security Hardening..... 2.2.1.2 DISCL: Information Disclosure..... 2.2.1.6 NOTEST: No Testing Functionality in Production..... 2.2.1.7 OBSCNT: Obsolete Clients...... 2.2.1.7.1 OBSCNT-A: Obsolete Clients in ABAP 2.2.1.7.2 OBSCNT-H: Obsolete Tenants in HANA..... 2.2.1.8 SCRIPT: Scripting Protection..... 2.2.1.8.1 SCRIPT-A: Scripting Protection = ABAP 2.2.1.9 SESS: Session Protection..... 2.2.1.9.1 SESS-J: Session Protection - Java 2.2.1.10 TRACES: Critical Data in trace files...... 2.2.1.10.1 TRACES-H: Critical Data in trace files - HANA 2.2.1.11 USRCTR: User Control of Action... 2.2.1.11.1 USRCTR-A: User Control of Action - ABAP

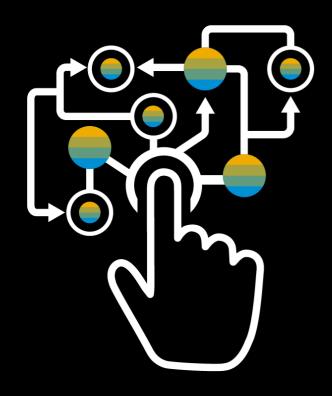
SAP Security Baseline Template

2.2.2 2.2.1 2.2.1.1 2.2.1.2 2.2.1.3 2.2.1.4 2.2.1.5 2.2.2 2.2.2 2.3 2.3.1 2.3.1.1 2.3.1.2 2.3.1.2 2.3.1.2 2.3.1.2 2.3.1.2 2.3.1.2 2.3.1.2 2.3.1.2 2.3.	Secure SAP (JSRCTRO: User Control of Action – Others	
	SECUPD: Regular Security Updates		
	SECUPD-I	366 document(s) found	Sort By: Relevance ✓ 🖼 🖼 🖽
	5 SECUPD-F FEATAC: F	You are curious whether your SAP Ne theblogVulnerability CVE-2021-	CVE-2021-45046, CVE-2021-45105 - AS Java Core Components' impact for Log4j vulnerability tweaver Application Server Java system is affected by ZeroDay security vulnerability in log4j library mentioned in 44228, CVE-2021-45046 & CVE-2021-45105 for log4jHow does to gray J2EE Framework) 21.12.2021 SAP Knowledge Base Article (32 people found this document helpful)
	SELFRG: I SELFRG-J STDUSR: STDUSR-I STDUSR-I USRTYP: 1	toApache Log4j Security Vulnerabili	on IDM System entity Management system is affected by ZeroDay security vulnerability in Log4j Library. For more details, please refer tiesVulnerability CVE-2021-44228 andCVE-2021-4104 for Lo 20.01.2022 SAP Knowledge Base Article (5 people found this document helpful)
	Authenticat NETENC: I NETENC-/	CVE-2021-44228 - Log4j vulnerability	Log4j vulnerability - no impact on SAP Adaptive Server Enterprise (ASE) and SAP ASE Platform (non Business Suite)) 09.02.2022 SAP Knowledge Base Article (4 people found this document helpful)
	2 PWDPOL- 3 PWDPOL-I RFCGW: F 1 RFCGW-A 2 RFCGW-J:	Log4j vulnerabilities, is there any important 2022-23305CVE-2022-23307	Log4j vulnerability - no impact on SAP Information Steward act on SAP Information StewardCVE-2021-44228CVE-2021-4104CVE-2019-17571CVE-2022-23302CVE- Iministration/Server) 07.02.2022 SAP Knowledge Base Article (4 people found this document helpful)
	SSO: Singl 1	You are curious whether your SAP NeVulnerability CVE-2021-44228 for le	AS Java Enterprise Portal Components' impact for Log4j vulnerability tWeaver Enterprise Portal application is affected by ZeroDay security vulnerability in log4j library mentionedhere og4jHow does this impact SAP Netwever Application Server Ente
2.3.3.1 CRITALY-Critical Authorizations			

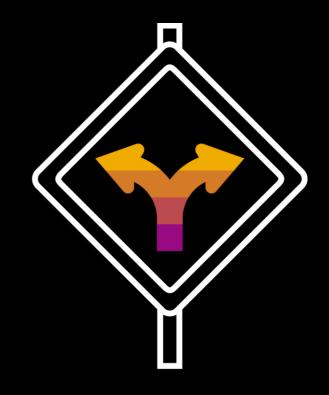




Threat Modeling





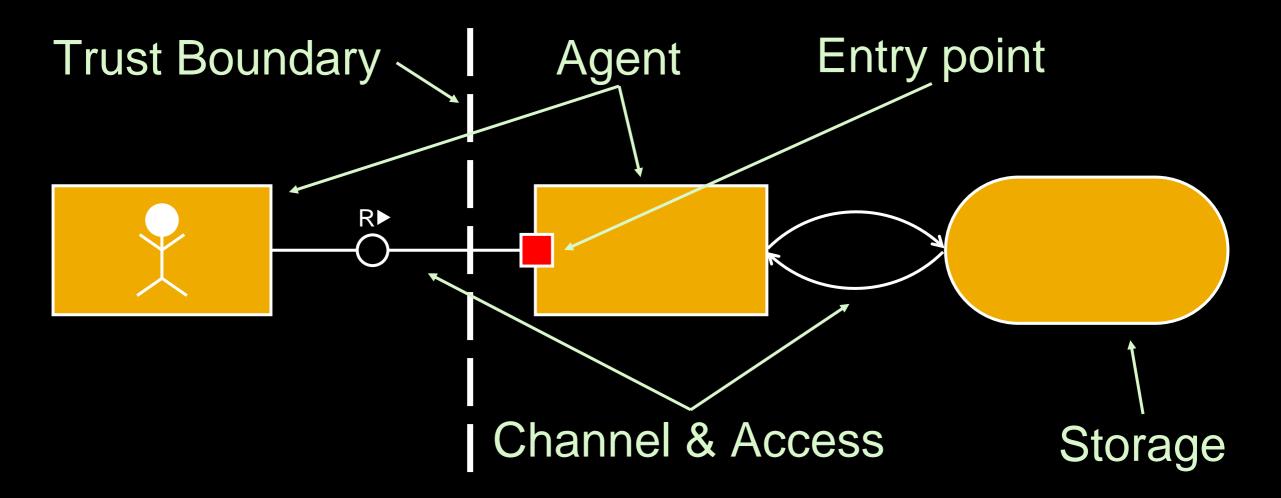


Understand

Analyze

Decide

Understand



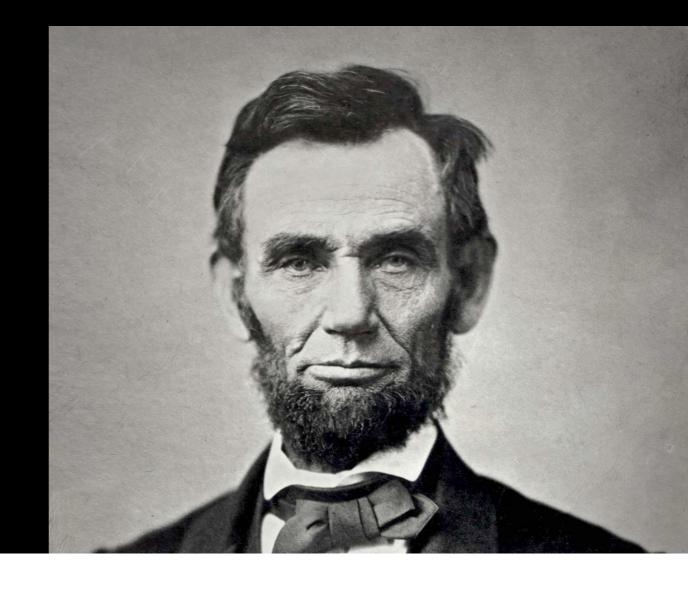
Analyze

S.T.R.I.D.E. Threat Classification



Don't believe everything you read on the internet.

Abraham Lincoln



Spoofing



Tampering

I didn't say that.

Pete Hoekstra



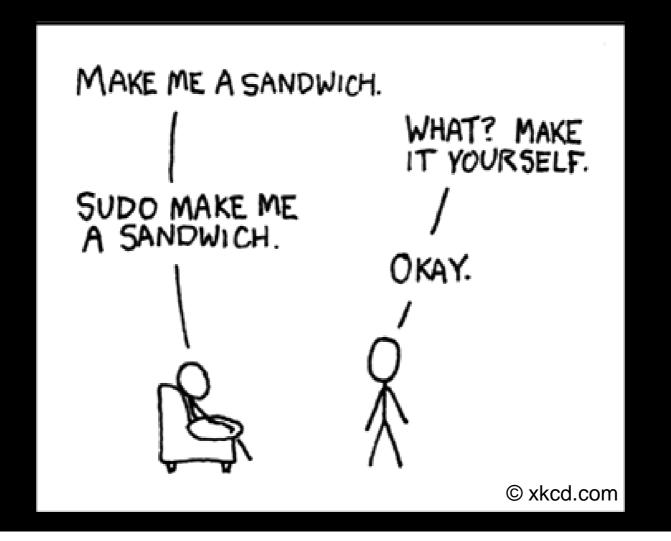
Repudiation



Information Disclosure

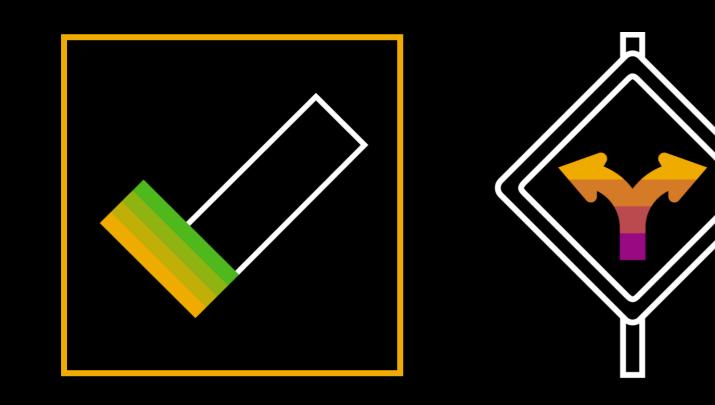


Denial of service



Elevation of privileges

Decide











Thank you.

Contact information:

Tobias Lejczyk tobias.lejczyk@sap.com



Follow us









www.sap.com/contactsap

© 2022 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company.

The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platforms, directions, and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, and they should not be relied upon in making purchasing decisions.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.

See www.sap.com/trademark for additional trademark information and notices.

