SAP Security - awareness and security tools

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Security Agenda

Introduction – Security awareness and invisibility

The rising strategic risks of cyberattacks
McKinsey on Business Technology

Getting started with Security
> Introduction to the Security Chapter in EWA report
> System Recommendation
> (SOS) Security Optimization Service
> Configuration Validation
> Advanced Secure Support
> Enterprise Threat Detection

SAP Enterprise Support Value Map for Security and Enterprise Support Academy sessions

Key success factors for Security

The rising strategic risks of cyberattacks

Research done by McKinsey and the World Economic Forum on Business Technology

Interviews with more than 200 chief information officers, chief information-security officers, regulators, policy makers, technology vendors, law-enforcement officials etc. Covering 7 sections in all regions

Most companies have difficulty quantifying the impact of risks and mitigation plans.

A large majority of surveyed companies had nascent or developing cyberrisk-management capabilities.

If these attacks are not addressed, a backlash against digitization could occur, with negative economic effects

Most CEOs realize that the real cost of cybercrime stems from delayed or lost technological innovation

1. Prioritize information assets by business risks.

2. Differentiate protection by the importance of assets

3. Integrate security deeply into the technology environment to achieve scale

4. Deploy active defenses to uncover attacks proactively.

5. Test continuously to improve response plans.

6. Engage frontline personnel to aid their understanding of valuable information assets

7. Incorporate cyberresistance into enterprise-wide risk-management and governance processes

The three pillars of Software Security

Software Security

Security Functions

Security Quality

Secure Operation
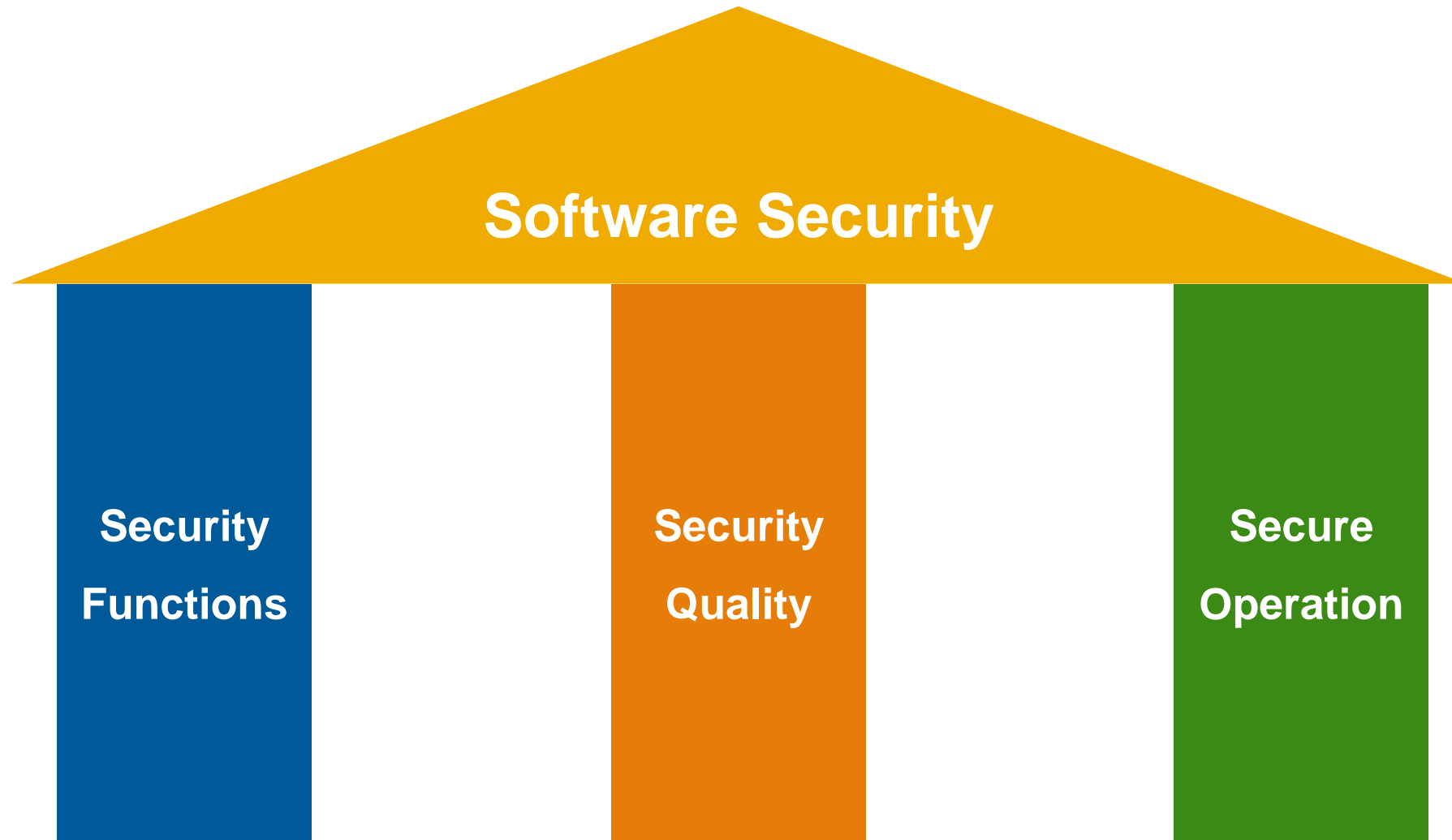
Classification of Security Services

Security Optimization Service

System Recommendations

Security Notes on Service Marketplace
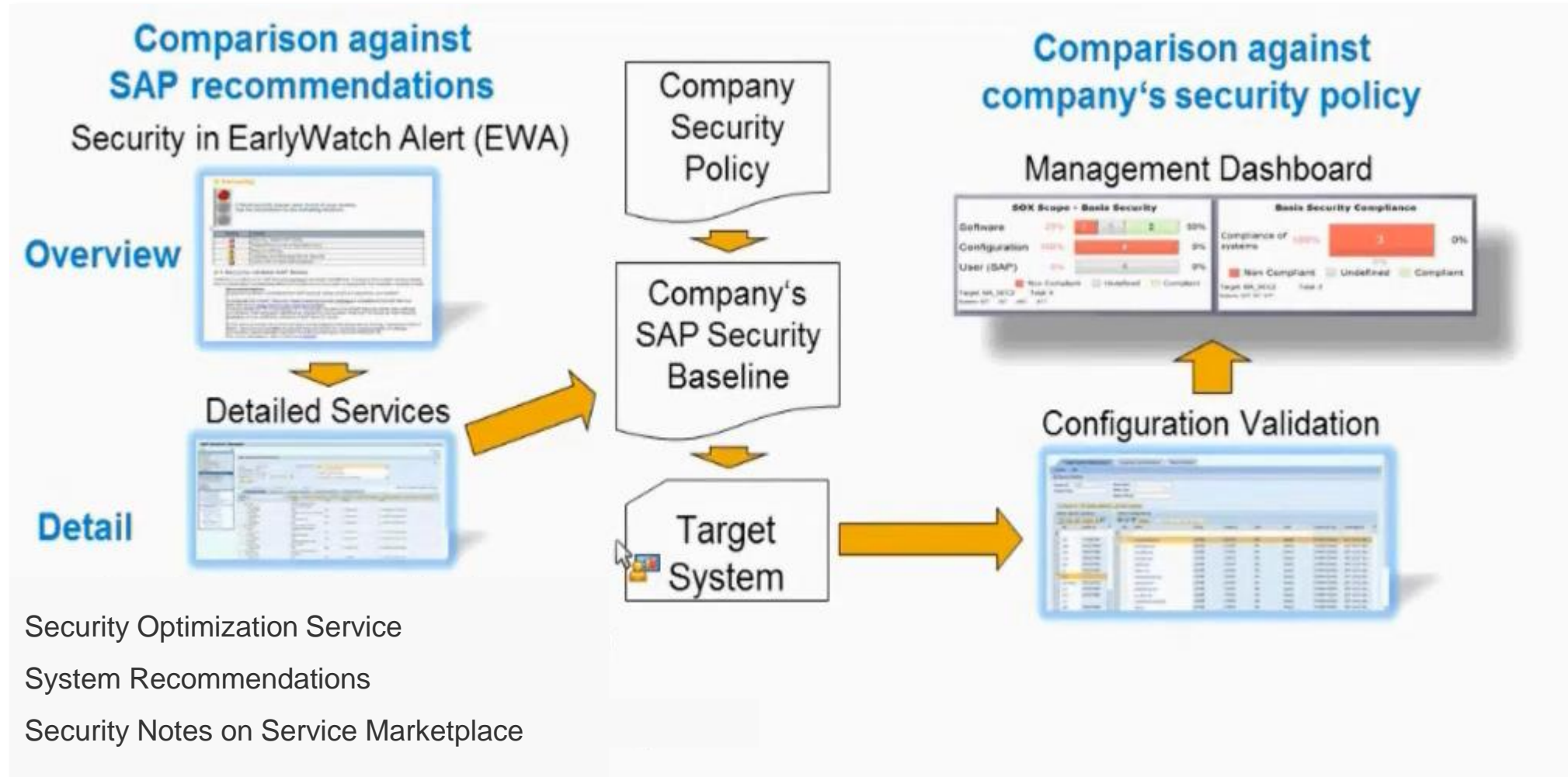
The Security Chapter in EWA report

11 Security

Critical security issues were found in your system.
See the information in the following sections.

Rating	Check
⚠	SAP Security Notes: ABAP and Kernel Software Corrections
🔥	Default Passwords of Standard Users
⚠	Control of the Automatic Login User SAP*
🔥	ABAP Password Policy
⚠	Gateway and Message Server Security
⚠	Users with Critical Authorizations

Security Notes and Hotnews

Security Patchday

CVSS rating

System Recommendation

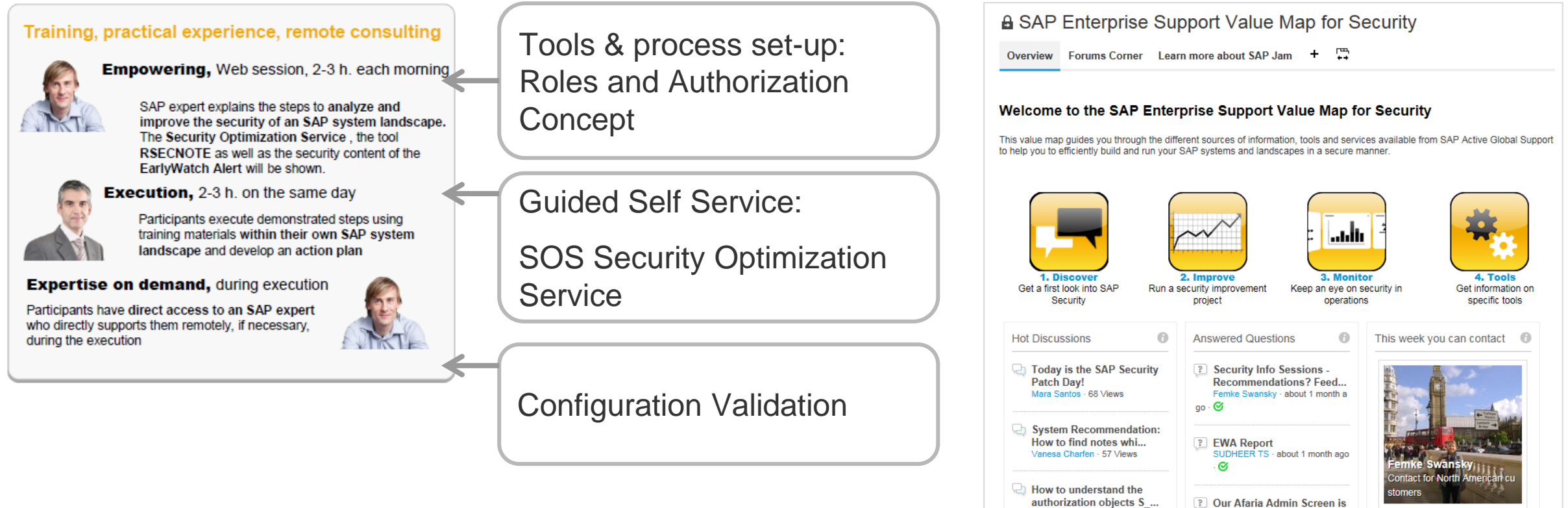Security notes

Performance-relevant notes

HotNews

Legal change notes

Correction notes / Patch notes

Default passwords e.g. SAP*

Security Optimization Report

Configuration Validation

Security powered by the SAP Enterprise Support Academy

Training, practical experience, remote consulting

Empowering, Web session, 2-3 h. each morning

SAP expert explains the steps to analyze and improve the security of an SAP system landscape. The **Security Optimization Service**, the tool **RSECNOTE** as well as the security content of the **EarlyWatch Alert** will be shown.

Execution, 2-3 h. on the same day

Participants execute demonstrated steps using training materials within their own SAP system landscape and develop an action plan

Expertise on demand, during execution

Participants have direct access to an SAP expert who directly supports them remotely, if necessary, during the execution

Tools & process set-up:
Roles and Authorization Concept

Guided Self Service:

SOS Security Optimization Service

Configuration Validation

🔒 SAP Enterprise Support Value Map for Security

Overview   Forums Corner   Learn more about SAP Jam   +   ▱

Welcome to the SAP Enterprise Support Value Map for Security

This value map guides you through the different sources of information, tools and services available from SAP Active Global Support to help you to efficiently build and run your SAP systems and landscapes in a secure manner.

1. Discover
Get a first look into SAP Security

2. Improve
Run a security improvement project

3. Monitor
Keep an eye on security in operations

4. Tools
Get information on specific tools

Hot Discussions ⓘ

Today is the SAP Security Patch Day!
Mara Santos · 68 Views

System Recommendation: How to find notes whi...
Vanesa Charfen · 57 Views

How to understand the authorization objects S_...

Answered Questions ⓘ

? Security Info Sessions - Recommendations? Feed...
Femke Swansky · about 1 month a go · ✓

? EWA Report
SUDHEER TS · about 1 month ago · ✓

? Our Afaria Admin Screen is

This week you can contact ⓘ

Femke Swansky
Contact for North American customers

Key Success Factors for Security

❑ **Be aware of the invisibility and missing security**

❑ **Security requires support by everyone**

- It cannot be delegated to a dedicated group

❑ **Everyone**

- must be aware that his/her support for Security is essential

- must be motivated to support Security

- must be enabled to support Security

❑ **Top Management support is key**

- Management support for groups and activities on Security

- Exemplary security behavior by management

There's hardly a Fortune 500 company that doesn't run SAP!
1.8 billion text messages run through an SAP systems every day!
70% of business transactions run through an SAP System !

"Security by Design, Security by Default, and Security in Deployment."