Security management center

Driving improved efficiency in security operations, from insight to action, leveraging extreme automation

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Background

Today's evolving threat landscape coupled with increasing number of technologies and dissolving enterprise boundaries using mobility and cloud makes businesses complex and requires specialized effort to maintain their infrastructure. The goal of the security operations team is no longer limited to minimizing risks, mitigating threats and meeting compliance requirements. They are also expected to enhance effectiveness of the security posture by maintaining baseline security standards while proactively identifying and taking actions to keep the foundational infrastructure layers of protection resilient.

Solution

Wipro has successfully delivered security operations for customers across the globe, on a diverse set of security technologies, into a state-of-the-art Security Management Center (SMC®) Platform. The SMC provides insight into the security infrastructure with diverse and intuitive use cases as feeds to the orchestration engine and creates a set of action items which are executed automatically.

This modular yet connected approach is achieved by integrating disparate technologies, while bringing them into a single platform. Depending on the scale of security operations, the SMC employs a combination of techniques that range from use of APIs, scripts, third party tools leveraging RPA and cognitive methods to provide visibility and control into the operational security posture.

Features

- Near real-time visibility into operational security posture

- Efficient measurement of effectiveness of security operations

- Customized views and insights into infrastructure for CISO, operations managers and technical teams

- Drill down capability to identify security parameters contributing to negative security posture

- Automated remediation of issues using playbooks, with more than 200 automation playbooks build

- **Comprehensive view of cyber security posture combining proactive and reactive elements of enterprise**
- **Prioritize cyber risks to protect the crown jewels**
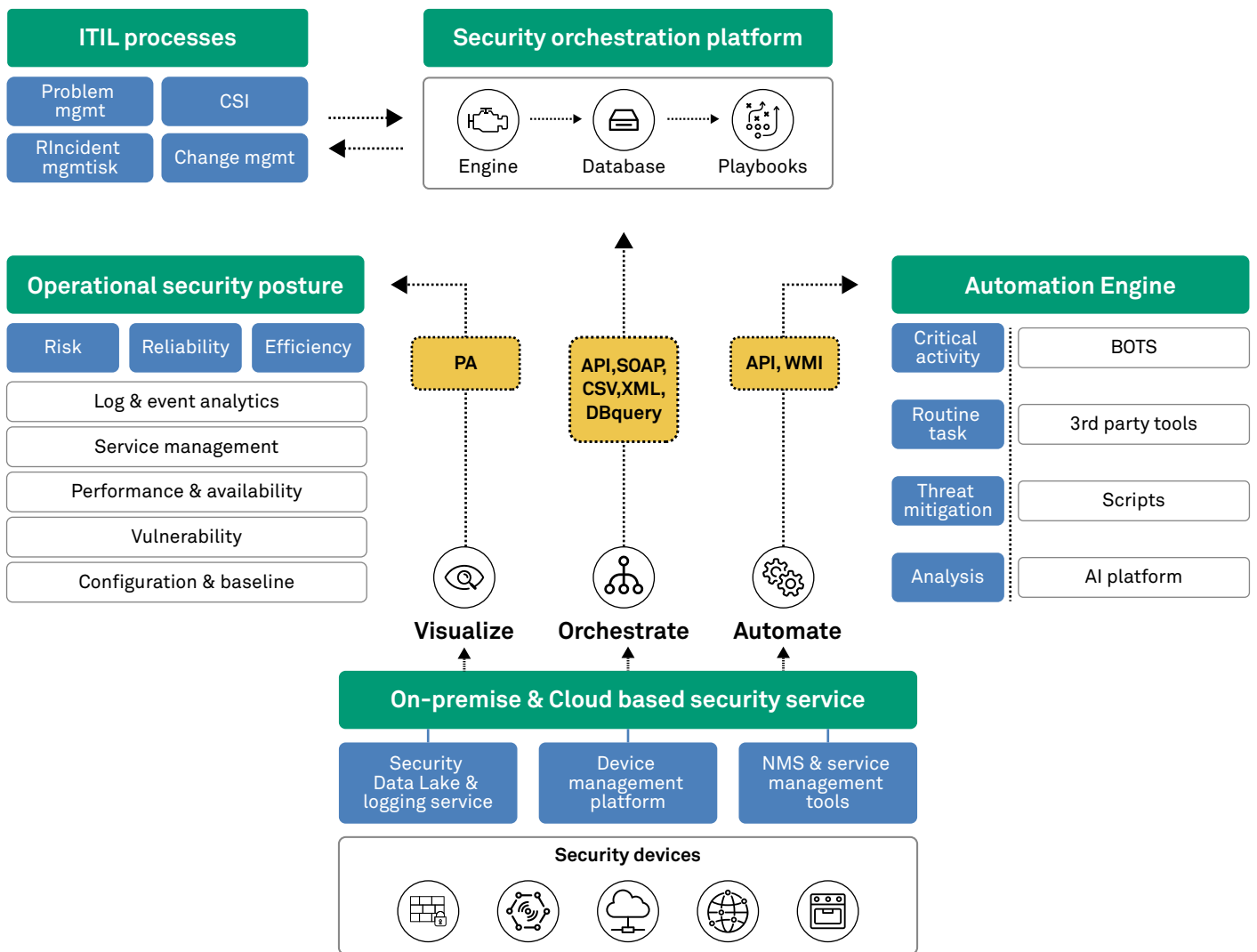- **Automated remediation of security tool configuration issues and compliance gaps**

Figure 1: Solution architecture

Benefits

SMC provides a scalable platform which offers operational insights and prioritization of risks, collected from pre integrated security and infrastructure tools. It helps in visualizing the security posture for quick orchestration and remediation of issues, ensuring a highly effective and efficient security operations function.

- 25 – 40% reduction in costs through reduction in incidents and self-service remediation
- Minimum 40% reduction in manual efforts
- Compliance sustenance and reduction in operational risk
- 25 – 75% increase in operational efficiency

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