2023-06 - 5G SBP: SEDIMENT for IoT device security and authentication

Topic Leader(s)

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Topic Description

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SEDIMENT (SEcure DIstributed IoT ManagemENT) uses a combination of software root of trust, remote attestation (RA), and resource-efficient cryptography, to build a security system that operates across the entire scales of IoT devices, with special emphasis on resource-constrained endpoints. The attestation, which appraises the integrity and trustworthiness of devices, can be integrated with the 5G ONAP AMF to control network/application access. An RA use case, with SEDIMENT RA Verifier and Relying Party being containerized and deployed with KubeArmor to enforce runtime security, will be discussed.

Topic Overview

Slides & Recording

Recording: **2023-06-06 - 5G SBP SEDIMENT for IoT device security and authentication.mp4**

Slides: 5G SBP - SEDIMENT for IoT Device Security and Authentication.pdf

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Agenda

Awesome presentation

- Point 1
- Point 2

Minutes

Action Items

- [ ]