Healthcare SBOM Proof of Concept

UPDATE 2020-02-13
Scope: Must Haves

**Definition**

Naming (from Framing, or done ourselves)

Sharing/Distribution of SBOM (format, e.g., machine readable, mechanism of sharing) Framing

Multi-level (dependencies) beyond MV—as complete as possible (impacts approved supplier list)

Version of device (components related to version)—requires definition

Temporal dimension (SBOM changes)

Hash for SBOM/Software components—part of MV SBOM as defined by Framing

Vulnerability vs. Exploitability (by reference), cool name: VEX, Framing working on it
Scope: Must Haves

**Execution**

Testing minimum viable SBOM as defined by Framing

Business cases/use cases

Vulnerability vs. Exploitability (by reference), cool name: VEX, Framing working on it

**Work Products**

Rationale

HDO Playbook – hard deliverable (proof of PoC), including existing processes

MDM Playbook – hard deliverable (proof of PoC)

Gap analysis – deliverable
Scope: Could Haves

Asset management: reporting – how to get a device to match the SBOM by specific updates

Procurement of actual devices

Human readable Viewer of SBOMs – Tooling

DIFFer for SBOMs – Tooling
Scope: Probably Won’t Haves

Relationships beyond “included”

Other sectors

HC in Japan

Individual companies

Geolocation

Generating an SBOM on “difficult” (e.g., legacy) devices—potentially impossible (MDM feedback)
Sub-teams

MDMs on format and delivery (coordination with Framing)

HDOs on use cases

MDMs on the usage of third party tools (possible coordination with Tooling)
- SBOM generation
- Conversion to human readable format
Timing

Virtual “pre-kickoff” during virtual meeting Feb 13

HDOs to provide MDMs with list of products by March 1st

Starting March 1st Planning, creating documents: 1 quarter—including tooling coming online

Execution: 6 months

All told, with documentation done by end of fiscal year (end of September)

Timing consistent with FDA plans (2nd draft due next, not final)

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