

Software Bill of Materials

Exploring a Proof-of-Concept

**Information Session
for the Energy Community
April 12, 2021**



Our journey thus far

- Introduction to “software bill of materials”
- A technical dive into the “how” of SBOM
- Perspectives: how and why others are experimenting with SBOM
- Today: what a “proof of concept” could look like for the energy community



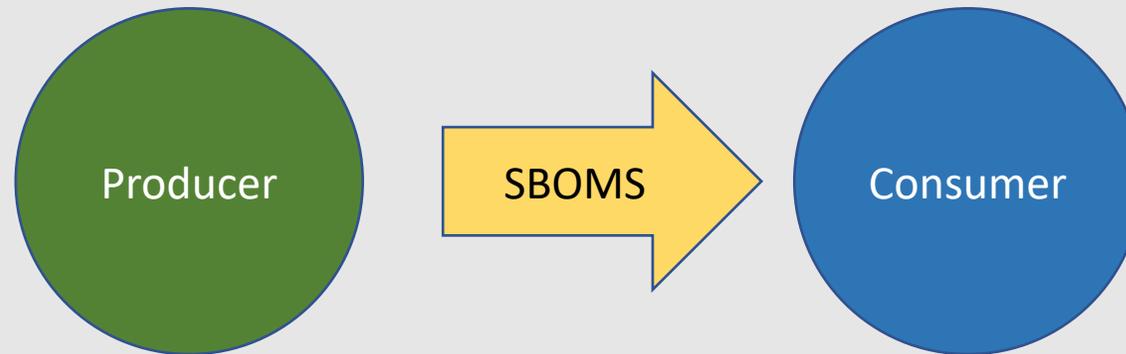
Agenda – Exploring an SBOM Proof-of-Concept

- Cheri Caddy, Senior Advisor for Cyber, Cybersecurity, Energy Security & Emergency Response (CESER), US Department of Energy
- Review of the SBOM Proof-of-Concept model and opportunities
- Perspectives on an SBOM POCs from across the supply chain
 - Bryan Owen, OSISoft
 - Cassie Crossley, Schneider Electric
 - Val Agnew, North American Transmission Forum
 - Stephanie Toussaint, Edison Electric Institute
 - Tony Eddleman, Nebraska Public Power District and chairman of the NERC Supply Chain Working Group.
- Community Discussion – *What do we want?*
- Next steps – *Moving from talking to doing.*

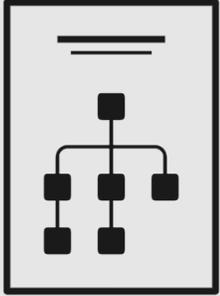


SBOM Proof of Concept Basic Model

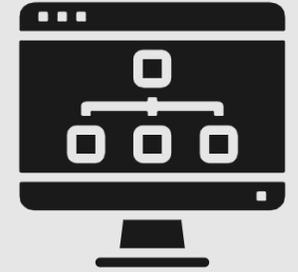
Data exchanged by a subset of stakeholders with mutual consent



SBOM Proof of Concept Basic Model

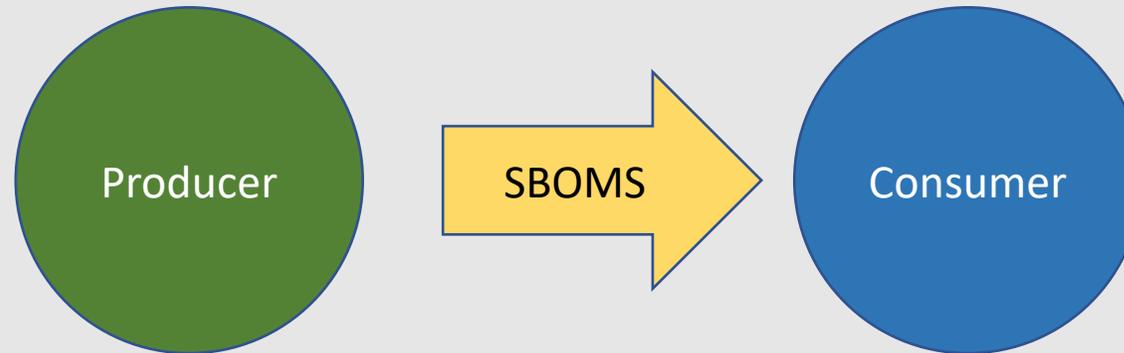


Explore how to generate SBOMs



Define use cases for SBOM consumption

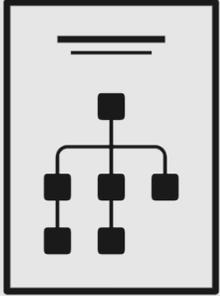
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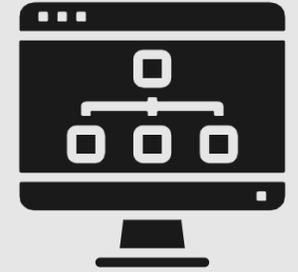
Stakeholder Community

Exercise designed by the broader energy community open to all.

SBOM Proof of Concept Basic Model



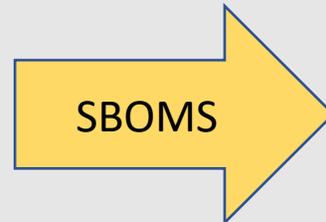
Explore how to generate SBOMs



Define use cases for SBOM consumption

Data protection

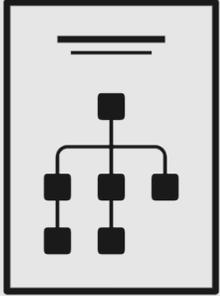
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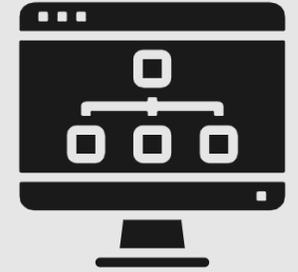
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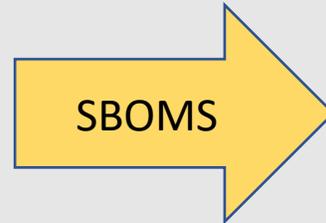
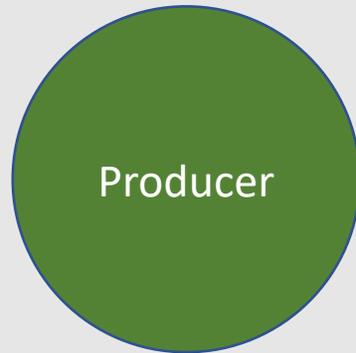
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Incorporating 3rd party support to generate SBOMs



Integrating SBOM data into security and data tools

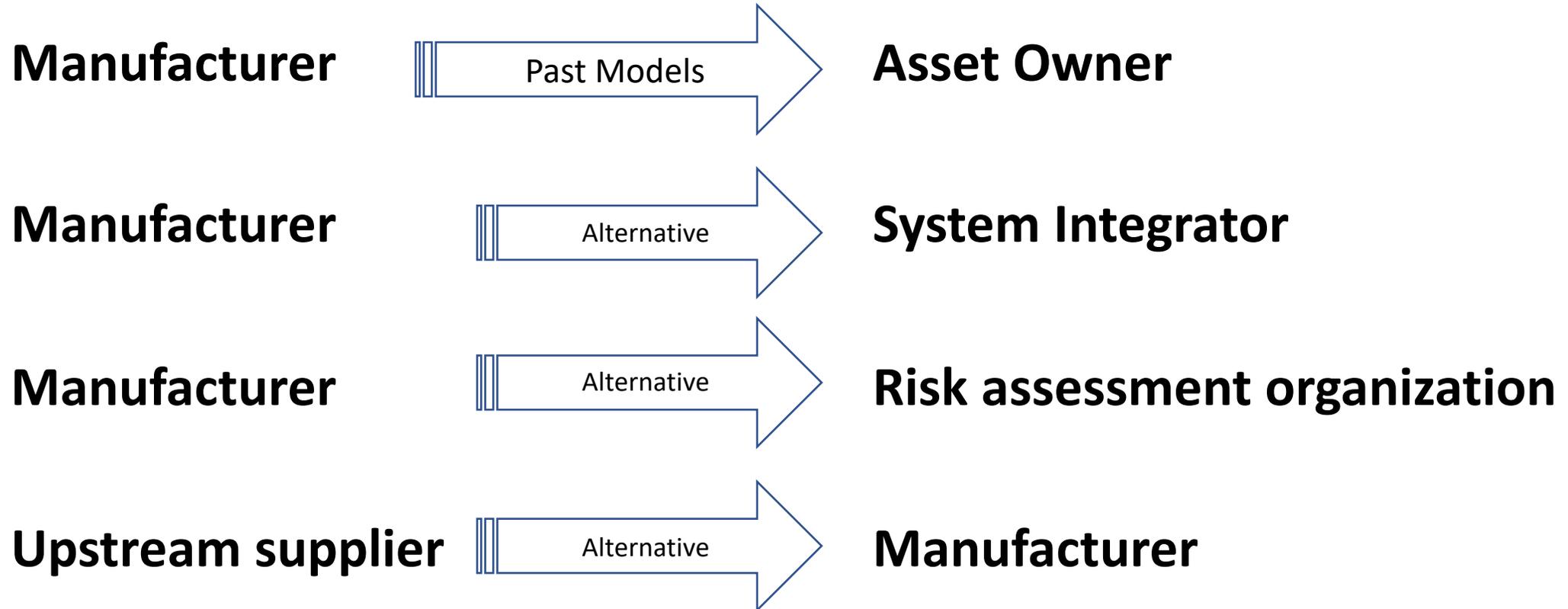
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SBOM exchange across the ecosystem



SBOM exchange across the ecosystem



Next steps

- **Now the hard work begins...**
- **What are your thoughts about how this exercise should run?**
- **Next planning meeting**
 - **Monday, April 26. 12-1pm ET**
 - **Connection information forthcoming**
 - **If you are on the NTIA list, you will be notified**
 - **Sign up: afriedman@ntia.gov**
 - **Announcing the initial coordinators**