

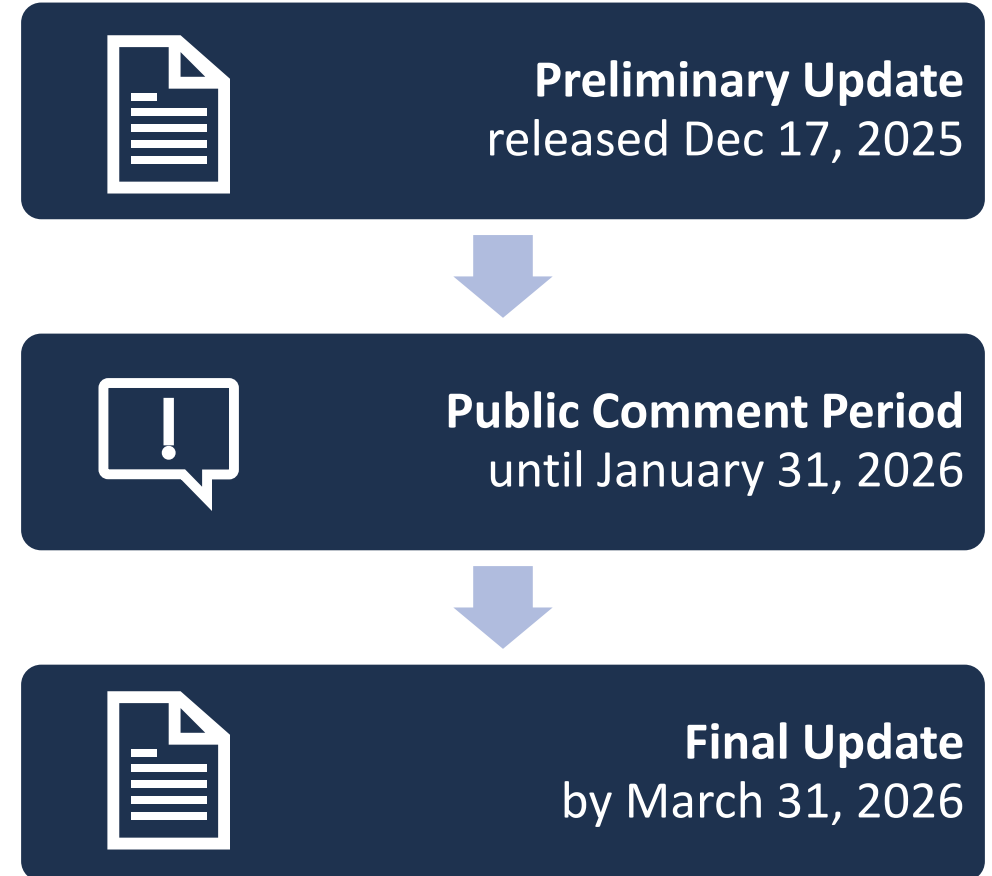
NIST SP 800-218 (SSDF) Update

NIST

NATIONAL INSTITUTE OF
STANDARDS AND TECHNOLOGY
U.S. DEPARTMENT OF COMMERCE

SSDF Update

- *EO 14306 “update shall include practices, procedures, controls, and implementation examples regarding the secure and reliable development and delivery of software as well as the security of the software itself.”*



- Two new Practices

- PO.6 to address the need for improvement over time (Three Tasks)

Define and Implement a Continuous Process Improvement Plan (PO.6): Identify and execute improvements to cybersecurity processes and procedures throughout the SDLC across all SSDF practices.

- PS.4 to address the need for robust and reliable updates (Four Tasks)

Ensure Software Updates Are Robust and Reliable (PS.4): Implement robust and reliable software update strategies, preferably allowing customers to control any updates to the software package and application configurations. Help software acquirers maintain operations and minimize disruptions by ensuring that software updates are tested and responsibly delivered.

Changes to Examples and References

- Changes have been made to examples to address identified gaps:
 - Updated wording for examples
 - PO.1.2, PO.2.1, PO.2.3, PW.4.4, PW.8.2, RV.2.2
 - Added new examples
 - PW.1.1, PW.1.3, PW.4.4, PW.5.1, PW.8.2, PW.9.1, RV.1.2
- Updated References to SP 800-53 and SP 800-161 throughout the table

- Are there any additional examples that would further the goal of this update?
- Are there other necessary modifications “regarding the secure and reliable development and delivery of software as well as the security of the software itself”?
- Two new practices have been added in this update: PO.6 to address the need for improvement over time and PS.4 to address the need for robust and reliable updates.
 - Are more tasks needed for these two practices?
 - Are the tasks that are currently there the right ones?
 - What additional examples would you like to see for these practices/tasks?
- What additional references are useful to support these practices/tasks?