Scrum Security Review

Agile development is informal and flexible, as such it can be more vulnerable to security flaws.

Software development stages of the Scrum agile life cycle	Secure Software Processes
Planning	Identify the risks and plan for them from the beginning, before development.
Design	The security plan is actioned. This will best be documented through UML diagrams, such a mis-use diagrams to model potential threats and attacks.
Implementation	Secure coding practices are adopted in the sprints. These would align with the OSWAP protocols.
Testing	Thorough testing dedicated time to deliberately try to break the software and exploit any vulnerabilities. This will model potential attacks.
Deployment	Ensure the release process is secure, particularly when moving from a developmental environment to a release environment.
Maintenance	Monitor new or emerging threats. Ensure any feedback from end-users is used to modify the code. Document updates and release notes.

References

Sharma, A. & Bawa, R. K. (2020) Identification and Integration of Security Activities for Secure Agile Development. *International Journal of Information Technology*.