



## Systems Software Integrator (SSI)

### Selected References

**Candidates are NOT permitted to bring references into the test center.**

Test questions are developed based on experiential knowledge, skills, and abilities by a committee of subject matter experts. These questions are then validated against at least one peer-reviewed industry reference.

The following publications are the primary resources used to validate the items on the SSI exam. These resources can reinforce some of the job knowledge required by a Systems Software Integrator.

1. Software Engineering Body of Knowledge (SWEBOK), version 3.0, IEEE  
<https://www.computer.org/education/bodies-of-knowledge/software-engineering/v3>
2. Systems Engineering Handbook: A Guide for System Life Cycle Processes and Activities, 5th Edition, INCOSE  
<https://www.incose.org/publications/se-handbook-v5>
3. INCOSE Guide to Writing Requirements  
<https://www.incose.org/>
4. NIST Cybersecurity Framework (CSF), version 2.0  
<https://www.nist.gov/cyberframework>
5. NIST SP 800-53: Security and Privacy Controls for Information Systems and Organizations, Rev. 5  
<https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-53r5.pdf>
6. NIST SP 800-37: Risk Management Framework for Information Systems and Organizations, Rev. 2  
<https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-37r2.pdf>
7. NIST SP 800-218 Secure Software Development Framework (SSDF): Recommendations for Mitigating the Risk of Software Vulnerabilities, version 1.1  
<https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-218.pdf>
8. NIST SP 800-161r1: Cybersecurity Supply Chain Risk Management Practices for Systems and Organizations, Rev. 1  
<https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-161r1.pdf>
9. NIST SP 800-160 Volume 1: Engineering Trustworthy Secure Systems, Rev. 1  
<https://www.nist.gov/privacy-framework/nist-sp-800-160-vol-1>
10. Software Supply Chain Security: Securing the End-to-End Supply Chain for Software, Firmware, and Hardware, 1st Edition, Cassie Crossley  
<https://www.amazon.com/Software-Supply-Chain-Security-End/dp/1098133706>
11. Software Architect's Handbook, 1st Edition, Joseph Ingenu  
<https://www.amazon.com/Software-Architects-Handbook-implementing-architecture/dp/1788624068>
12. Pro Git: Everything You Need to Know about GIT, v2.1.428, Scott Chacon & Ben Straub  
<https://git-scm.com/book/en/v2>
13. EO 14028: Executive Order on Improving the Nation's Cybersecurity  
<https://www.whitehouse.gov/briefing-room/presidential-actions/2021/05/12/executive-order-on-improving-the-nations-cybersecurity>
14. IEEE 829-2008: Standard for Software and System Test Documentation  
<https://ieeexplore.ieee.org/document/4578383>
15. IEEE 1012-2016: IEEE Standard for System, Software, and Hardware Verification and Validation  
<https://standards.ieee.org/ieee/1012/5609/>
16. IEEE 828-2012: Standard for Configuration Management in Systems and Software Engineering  
<https://standards.ieee.org/ieee/828/5367/>
17. IEC 31010-2019: Risk management – Risk assessment techniques  
<https://www.iso.org/standard/72140.html>
18. Effective Methods for Software and Systems Integration, Boyd L. Summers  
<https://archive.org/details/effectivemethods0000summ>
19. Delivering effectively on large engineering projects, 2023, Proceedings of the National Academy of Sciences  
<https://academic.oup.com/pnasnexus/article/2/9/pgad281/7257345>
20. Guide to the Project Management Body of Knowledge, 6th Edition