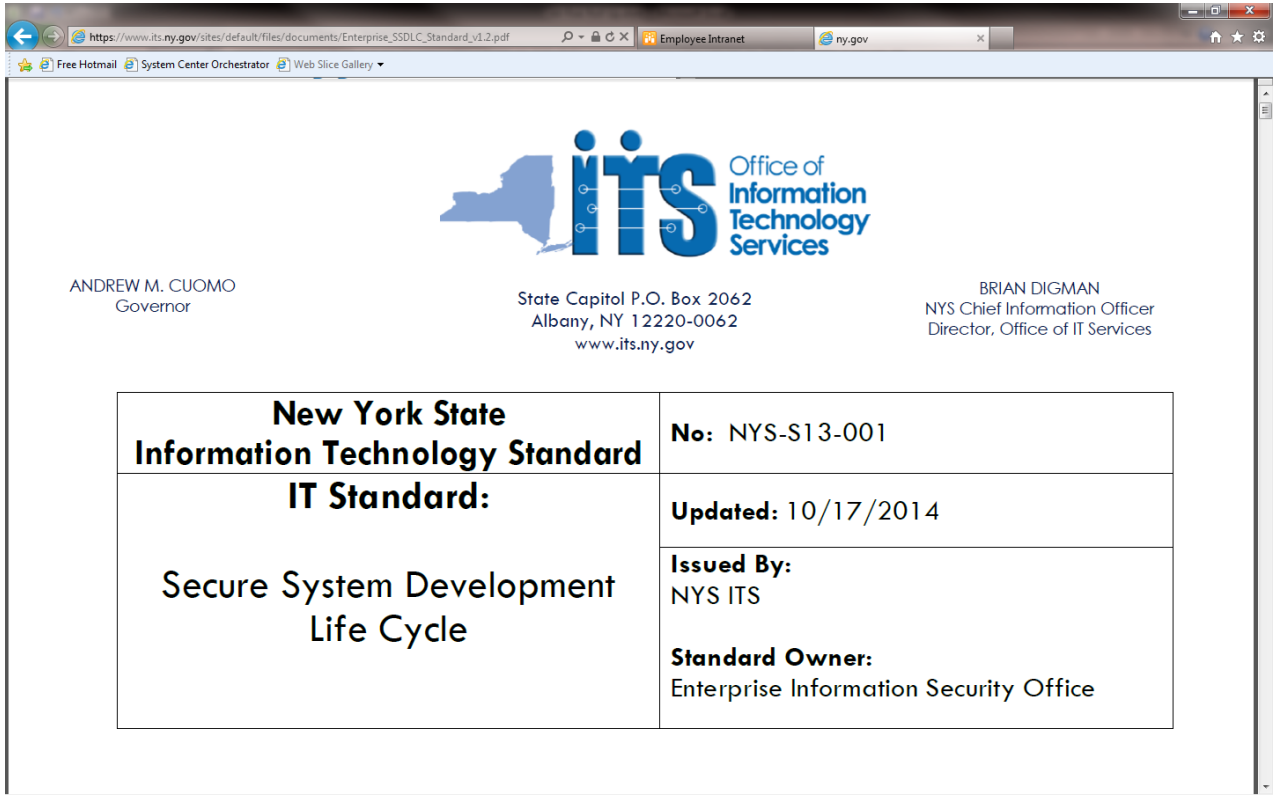
NEW YORK STATE | Department of Taxation and Finance

Risk Assessment for ITS Secure System Development Lifecycle

Office of Risk Management

Secure System Development Life Cycle



https://www.its.ny.gov/sites/default/files/documents/Enterprise_SSDLC_Standard_v1.2.pdf

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Employee Intranet | ny.gov

Office of Information Technology Services

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NYS Chief Information Officer
Director, Office of IT Services

New York State Information Technology Standard	**No:** NYS-S13-001
IT Standard: Secure System Development Life Cycle	**Updated:** 10/17/2014
	Issued By: NYS ITS **Standard Owner:** Enterprise Information Security Office

Secure System Development Life Cycle NYS-S13-001

- 1.Define Security Roles and Responsibilities
- 2. Orient Staff to the SDLC Security Tasks
- 3. Establish a System Criticality Level
- 4. Classify Information
- 5. Establish System Identity Assurance Level Requirements
- 6. Establish System Security Profile Objectives
- 7. Create a System Profile
- 8. Decompose the System
- 9. Assess Vulnerabilities and Threats

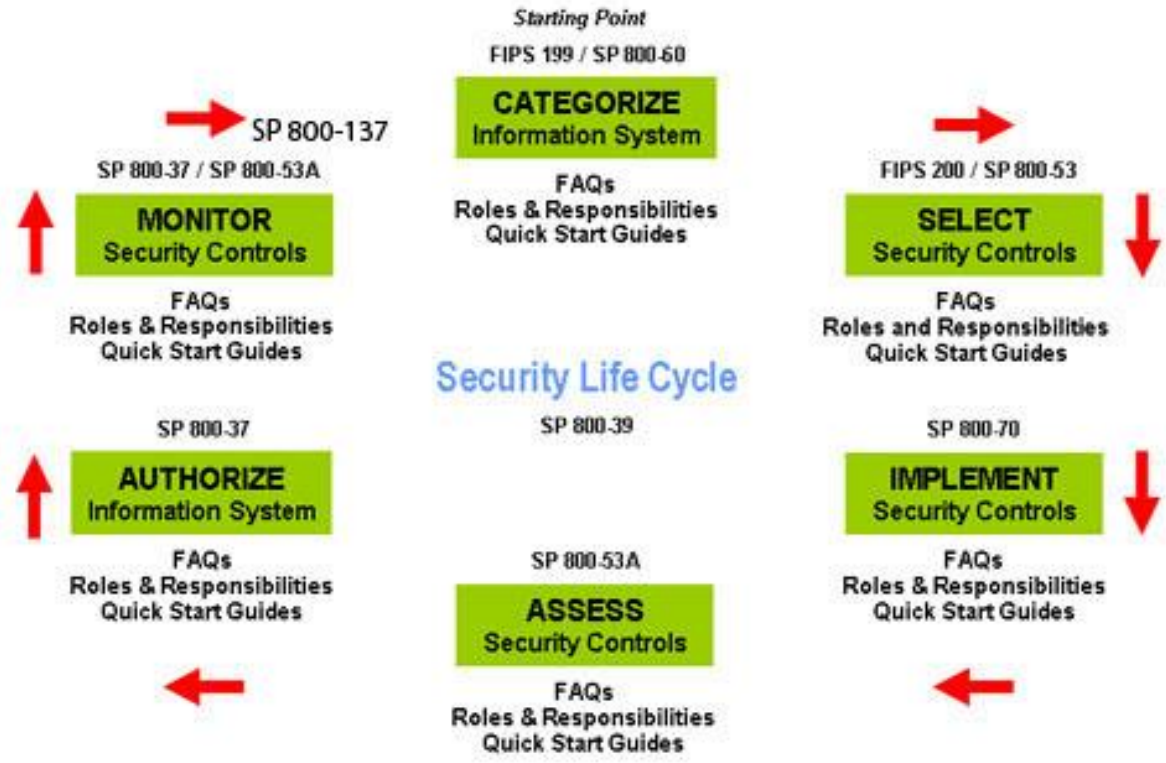
Secure System Development Life Cycle NYS-S13-001

- 10. Assess Risks
- 11. Select and Document Security Controls
- 12. Create Test Data
- 13. Test Security Controls
- 14. Perform Certification and Accreditation
- 15. Manage and Control Change
- 16. Measure Security Compliance
- 17. Perform System Disposal

Secure System Development Life Cycle
NYS-S13-001

Note: Data classification **cannot** be used as the sole determinate of whether or not the project is low risk/cost.

NIST SP 800-39



List of Resources

- NYS Enterprise SSDLC
- NIST 800-53
- NIST SP 800-39

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