NIST Update
Draft SP 800-63-4

Federal Cybersecurity and Privacy Professionals Forum

September 1, 2022

David Temoshok

Applied Cybersecurity

NIST IT Laboratory

NIST National Institute of Standards and Technology U.S. Department of Commerce

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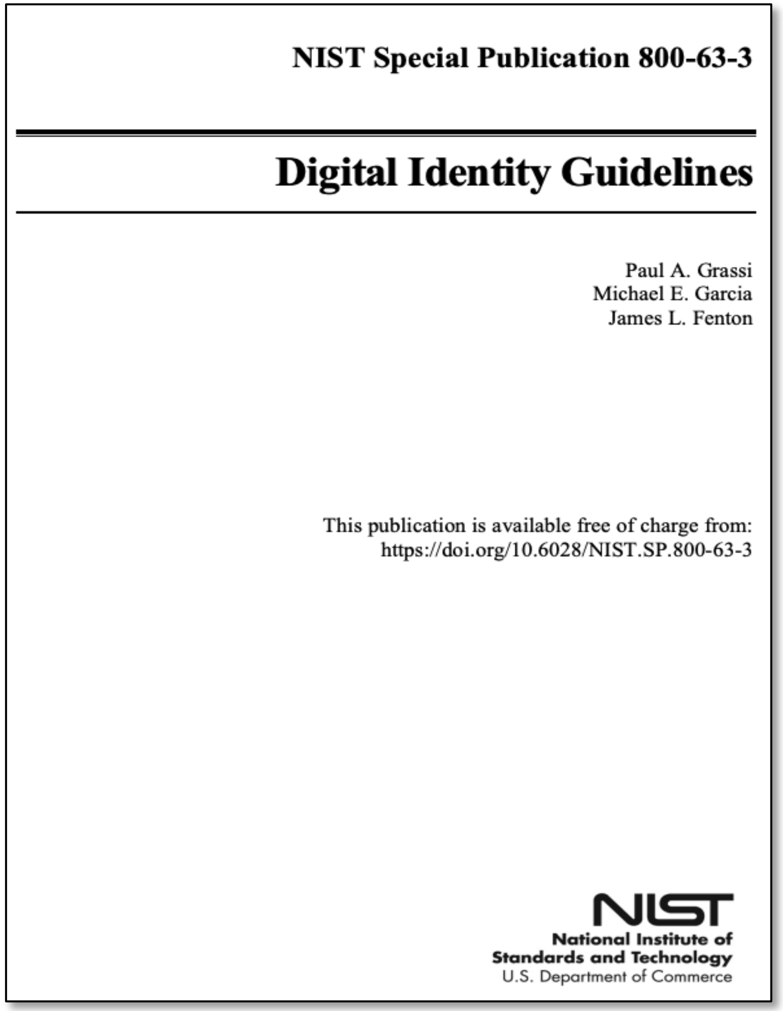
NIST SP 800-63-4: Digital Identity Guidelines

- **NIST SP 800-63 rev. 4 represents an update to all 4 volumes of the standard.**
- **Update follows 2 separate public comment and discussion periods, multiple meetings with federal agencies and industry.**
- **Retains 3 assurance level model for IAL, AAL and FAL and basic organizational structure.**
- **Key objectives for rev. 4:**
  - Increased flexibility for identity service implementation
  - Enhanced fraud resilience
  - Equity considerations
  - Enhanced agency flexibility for digital identity risk management and alignment with RMF.



NIST Special Publication 800-63-3

Digital Identity Guidelines

Paul A. Grassi
Michael E. Garcia
James L. Fenton

This publication is available free of charge from:
https://doi.org/10.6028/NIST.SP.800-63-3

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Volume Overview – Substantive Changes

Base Document	Identity Proofing & Enrollment	Authentication & Lifecycle Mgt.	Federation & Assertions
Digital Identity Risk Assessment: revised content to address equity impacts, privacy and usability For digital identity risk assessment to better align to RMF/FISMA **xAL Selection:** Updated xAL selection approach to better address impacts to equity, privacy, and usability. **Subscriber Account**: Added requirements for maintenance of subscriber accounts to govern retention of PII, authenticators, and consent agreements. (Normative requirements in A, B, C)	**IAL 1:** Incorporated controls for IAL1 identity proofing to support lower risk applications. **Trusted Referee & Applicant Reference:** expanded content on Trusted Referee and introduced the concept of "Applicant References" to expand access and risk based options for agencies. **Digital Evidence:** Added more explicit language to support use of digital evidence in proofing. **Privacy Risk Assessments:** Added requirements for privacy risk assessments for PII collection, retention, use, and consent.	**Phishing Resistance:** Added definition and requirements for phishing resistant authenticators. **Biometric Performance Requirements**: Updated biometric performance requirements and metrics and included discussion of equity impacts. **Account Recovery**: Provided additional context on account recovery options to account for users with limited access to multiple authenticators. **Wireless Connections**: Guidance and requirements for wireless direct connections for cryptographic authenticators.	**Redefined FALs**: clarified requirements to make compliance more understandable, particularly at FAL3. **Provisioning & Identity APIs**: Added content to include providing requirements for Relying Parties and a identity APIs used to passe identity attributes and data. **Bound Authenticators**: Added language for the use of ”bound authenticators” in support of high assurance federation use cases (e.g., FAL3). **Federation Agreements:** Expanded guidance and requirements for Federation Agreements and IDP & RP responsibilities.

Questions/Comments?

David Temoshok

Applied Cybersecurity

NIST IT Laboratory

dig-comments@nist.gov

NIST
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
UNITED STATES DEPARTMENT OF COMMERCE
100 Bureau Drive