



Virginia Information Technologies Agency

IMSAC Guidance Documents: Staff Review and Modification to Align with NIST 800-63-3 (Public Comment)

Joseph W. Grubbs, Ph.D.
Staff Analyst

Presentation to the Identity Management
Standards Advisory Council
June 5, 2017



Classification of Modifications

- Structural
 - Reorganized guidance documents into NIST-aligned series with parallel subject matter
 - Moved definitions and assurance model components to separate reference documents
- Terminology
 - Modified terms for core constructs
 - Electronic > Digital
 - Registration > Enrollment
 - Information systems > Systems
- Technical
 - Updated technical content to be consistent with NIST guidelines
 - Maintained balance in “minimum” specifications



Summary of Modifications

IMSAC Guidance Document	NIST 800-63-3 Document	Alignment Modification
1. Digital Authentication	SP 800-63-3 Digital Identity Guidelines	Updated narrative and IdM model; added NIST content (minor modifications)
1.A Identity Proofing and Verification	SP 800-63A Enrollment and Identity Proofing	Updated narrative; added NIST content (minor modifications)
1.B Authenticators and Lifecycle Mgmt.	SP 800-63B Authentication and Lifecycle Mgmt.	Updated narrative; added NIST content (substantial modifications)
1.C Digital Identity Assertions	SP 800-63C Federation and Assertions	Updated narrative; added NIST content (minor modifications) <i>Note: Only covers assertions</i>



For More Information

Joseph W. Grubbs, Ph.D.

IMSAC Staff Analyst

Virginia Information Technologies Agency

Phone: (804) 467-7729

Email: Joseph.Grubbs@vita.virginia.gov