

NIST SP 800-53 Federal Security Controls

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NIST 800-53 Frame

NIST SP 800-53 establishes the dominant federal security control catalog with substantial deployment across federal agencies, FedRAMP-class commercial services, and federal-contractor operations.

Architecture Implications

NIST 800-53 implementation requires structural support for access control, audit logging, and emerging continuous monitoring.

Architectural Mapping

Governance-chain credentialed access maps to access-control families. Audit-grade lineage maps to AU family. Health-monitoring substrate maps to CA continuous-monitoring requirements.

Standard Evolution

NIST 800-53 Revision 5 enforcement and emerging integration with emerging zero-trust architecture push toward structurally-supported architecture.