

	DEPARTMENT OF COMMERCE National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program	ISSUE DATE: May 11, 2020
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		LAP: Cryptographic and Security Testing (CST)
SUBJECT: Release of NIST Handbook 150-17, 2020 Edition		

NIST Handbook 150-17, which presents the technical requirements and guidance for the accreditation of laboratories under the NVLAP Cryptographic and Security Testing (CST) program, has been revised, along with the corresponding NIST Handbook 150-17 checklist. The new edition incorporates changes resulting from the release of ISO/IEC 17025:2017, *General requirements for the competence of testing and calibration laboratories* and was revised with the participation of technical experts in the field of cryptographic and security testing. The new edition also introduces Annex G for the addition of Automated Cryptographic Validation Testing (ACVT) to the CST LAP.

The following is a summary of the revisions contained in the 2020 edition:

- The numbering has been updated to reflect that used by ISO/IEC 17025:2017, *General requirements for the competence of testing and calibration laboratories*.
- Section 6.3.7 introduces testing requirements at permanent remote locations;
- Annex B, B.3.5 has added requirements for a minimum number of vendor product test reports.
- Annex B, B.6.4.2 has been updated to reflect modification of the equipment requirements for 17CAV, 17CMH and 17CMS testing;
- Annex B, B.6.2 has been added to include the CVP certified tester exam;
- Annex G has been introduced for Automated Cryptographic Validation Testing (ACVT);
- Wording changes for clarification have been made where needed.

The 2020 edition of NIST Handbook 150-17 supersedes and replaces the 2013 edition. It is available for downloading (PDF format) from the NVLAP website <<http://www.nist.gov/nvlap>> under NVLAP Program-Specific Handbooks. The corresponding NIST Handbook 150-17 Checklist (ISO/IEC 17025:2017) has also been updated and posted on the NVLAP website under NVLAP Publications and Forms.

Please contact your program manager for questions concerning the revised handbook or requirements for accreditation.