## Withdrawn Draft

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docs



# **Draft NIST Special Publication 800-140A**

<b>CMVP Documentation Red</b>	quirements:
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CMVP Validation Authority Updates to ISO/IEC 24759

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88	Reports on Computer Systems Technology
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99	Abstract
100 101 102 103 104 105	NIST Special Publication (SP) 800-140A modifies the vendor documentation requirements of ISO/IEC 19790 Annex A. As a validation authority, the Cryptographic Module Validation Program (CMVP) may modify, add, or delete Vendor Evidence (VE) and/or Test Evidence (TE) as specified under paragraph 5.2 of the ISO/IEC 19790. This document should be used in conjunction with ISO/IEC 19790 Annex A and ISO/IEC 24759 paragraph 6.13 as it modifies only those requirements identified in this document.
106	Keywords
107 108 109	Conformance testing; Cryptographic Module Validation Program; CMVP; FIPS 140 testing; FIPS 140; ISO/IEC 19790; ISO/IEC 24759; testing requirement; vendor evidence; vendor documentation.
110	
111	Audience
112 113	This document is focused toward the vendors, testing labs, and CMVP for the purpose of addressing issues in ISO/IEC 24759, <i>Test requirements for cryptographic modules</i> .
114	

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126	1 Scope	
127 128 129 130 131	in ISO/IEC 19790. The Cryptographic Modul Cryptographic and Se	Processing Standard (FIPS) 140-3 documentation requirements are specified his document specifies any additional requirements specified by the e Validation Program (CMVP) for evidence that vendors provide to a curity Testing Laboratory (CSTL) to demonstrate conformity. Unless this document, the test requirements are specified in ISO/IEC 24759.
132	2 Normative ref	ferences
133 134 135 136	and ISO/IEC 24759. For dated references (e.g., ISO/IEC 19790:2012/Cor.1:2015(E)), only the edition cited applies. For undated references (e.g., ISO/IEC 19790), the latest edition of the	
137 138 139 140	Cryptographic Information Pro	te of Standards and Technology (2019) <i>Security Requirements for Modules</i> . (U.S. Department of Commerce, Washington, DC), Federal ocessing Standards Publication (FIPS) 140-3.  0.6028/NIST.FIPS.140-3
141	3 Terms and de	finitions
142 143	The following terms a 24759.	and definitions supersede or are in addition to ISO/IEC 19790 and ISO/IEC
144	No additional te	erms at this time.
145	4 Symbols and	abbreviated terms
146 147	The following symbol ISO/IEC 24759 throu	ls and abbreviated terms supersede or are in addition to ISO/IEC 19790 and ghout this document:
148	CCCS	Canadian Centre for Cyber Security
149	CMVP	Cryptographic Module Validation Program
150	CSD	Computer Security Division
151	CSTL	Cryptographic and Security Testing Laboratory
152	FIPS	Federal Information Processing Standard
153	FISMA	Federal Information Security Management/Modernization Act
154	NIST	National Institute of Standards and Technology

155	SP 800-XXX	NIST Special Publication 800 series document
156	TE	Test Evidence
157	VE	Vendor Evidence
158	5 Document orga	nization
159	5.1 General	
160 161 162	shall provide to testing l	ent specifies any modifications to the minimum information that vendors laboratories as specified in Annex A of ISO/IEC 17970:2012. Section 6 ifications to 6.13 A – Documentation requirements of ISO/IEC 24759.
163	5.2 Modifications	
164 165 166 167	supplied documentation Modifications can inclu	w a similar format as in ISO/IEC 24759. For additions to vendor, requirements will be listed by increasing the "sequence_number." de a combination of additions using <u>underline</u> and deletions using <u>underline</u> are required, the paragraph will indicate "No change."
168	6 Security requir	ements
169	6.1 Documentation i	equirements
170 171	ISO/IEC 24597 6.13 A-indicated below:	and ISO/IEC 24759 Documentation requirements are modified as
172	ASA.01: (Documentation	on – Levels 1, 2, 3, and 4)
173 174 175	required for a cryptogra	790 Annex A} specifies the minimum documentation which shall be phic module that is to undergo an independent verification scheme {and meet those requirements}.
176	Required Vendor Inform	nation
177 178 179	have a vulnerability on	the CVE list. The vendor shall address how any equipment which is the module does not impact the security/operation of the module.
180	Required Test Procedur	es
181 182		shall verify that no libraries or similar vendor equipment have a E list or have been adequately addressed.

### **Document Revisions**

Date	Change