

The MIP list contains cryptographic modules on which the CMVP is actively working. For a module to transition from Review Pending to In Review, the lab must pay the NIST Cost Recovery fee. The validation process is a joint effort between the CMVP, the laboratory and the vendor and therefore, for any given module, the action to respond could reside with the CMVP, the lab or the vendor. This list does not provide granularity into which entity has the action. If you would like more information for a specific cryptographic module or its schedule, please contact the vendor.

## Cryptographic Module Validation Program FIPS 140-2 Modules In Process List

Module Name	Vendor Name	Review Pending	In Review	Coordination	Finalization
OmniSwitch AOS 8.3.1.R01	Alcatel-Lucent Enterprise USA Inc.				
Allegro Cryptographic Engine	Allegro Software Development Corporation				
Aruba 2920 Switch Series	Aruba a Hewlett Packard Enterprise company				
Attivo Cryptographic Module	Attivo Networks Inc.				
BlackBerry Cryptographic Java Module	BlackBerry Limited				
MicroCloud X4	Bluechip Systems LLC				
Brocade(R) 7840 Extension Switch	Brocade Communications Systems, Inc.				
Brocade(R) G620 FC Switch	Brocade Communications Systems, Inc.				
Brocade(R) MLXe(R) Series Ethernet Routers	Brocade Communications Systems, Inc.				
Brocade® X6-8 and X6-4 Directors	Brocade Communications Systems, Inc.				
CHR Cryptographic Module	Bull Atos Technologies				
CHR Cryptographic Module	Bull SAS				
Security Builder FIPS Java Module	Certicom Corp.				
Check Point Cryptographic Library	Check Point Software Technologies Ltd.				
Cisco Adaptive Security Appliances Cryptographic Module	Cisco Systems, Inc.				
Cisco FIPS Object Module	Cisco Systems, Inc.				
Cisco Firepower 4100 and Cisco Firepower 9300 Series	Cisco Systems, Inc.				
Cisco Firepower Cryptographic Module	Cisco Systems, Inc.				
Cisco Systems 2504, 5520, 8510 and 8540 Wireless LAN Controllers	Cisco Systems, Inc.				
Cisco Systems 5508 Wireless LAN Controller	Cisco Systems, Inc.				
Citrix FIPS Cryptographic Module	Citrix Systems, Inc.				
CommVault Crypto Library	CommVault Systems, Inc.				
Sentry - Encrypted USB Flash Drive	DataLocker Inc.				
IMS3-SM	Dolby Laboratories, Inc.				
X-Wall MX+	Enova Technology Corporation				
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MPVPN	Fatpipe, Inc.				
FortiWeb 5.6	Fortinet, Inc.				
FortiWeb-3000E/4000E	Fortinet, Inc.				
GSP3000 Hardware Security Module	Futurex				
Prime PIV v2.1 Applet on TOP DL V2.1 platform	Gemalto SA				
GO-Trust Encrypter	GOTrust Technology Inc.				
Hewlett Packard Enterprise libcrypt Crypto Module	Hewlett Packard Enterprise				

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HPE Aruba 5400R z12 Switch Series	Hewlett Packard Enterprise				
HPE FlexFabric 5700, 5900 and 5920 Switch Series	Hewlett Packard Enterprise				
HPE FlexNetwork 10500 and HPE FlexFabric 12500 and 12900 Switch Series	Hewlett Packard Enterprise				
HPE FlexNetwork 5130EI, 5130HI, 5510HI and FlexFabric 5930 Switch Series	Hewlett Packard Enterprise				
HPE FlexNetwork 7500 and HPE FlexFabric 7900 and 12904 Switch Series	Hewlett Packard Enterprise				
HPE FlexNetwork MSR1000, MSR2000, MSR3000 and MSR4000 Router Series	Hewlett Packard Enterprise				
HPE FlexNetwork MSR3024 Router Series	Hewlett Packard Enterprise				
HPE Gen9 Smart Array P-Class RAID Controllers and HPE Gen9 Smart HBA H-Class Adapter	Hewlett Packard Enterprise Development LP				
HGST Ultrastar SS200 TCG Enterprise SSD	HGST, a Western Digital brand				
HGST Ultrastar® He <sup>12</sup> TCG Enterprise HDD	HGST, a Western Digital company				
Huawei AC6005 Wireless Access Controller	Huawei Technologies Co., Ltd.				
Huawei AC6605 Wireless Access Controller	Huawei Technologies Co., Ltd.				
Huawei AD9430DN-12 Wireless Access Device	Huawei Technologies Co., Ltd.				
Huawei AD9430DN-24 Wireless Access Device	Huawei Technologies Co., Ltd.				
Huawei AP2030, AP4030, AP4130, AP5030, AP5130, AP6050, AP6150, AP7050 and AP8130 Wireless Access Points	Huawei Technologies Co., Ltd.				
Huawei AR2240, AR3260 and AR169FGVW-L Series Routers	Huawei Technologies Co., Ltd.				
Huawei R230D, R240D and R250D Remote Radio Units	Huawei Technologies Co., Ltd.				
Huawei S5720-EI Series Switches	Huawei Technologies Co., Ltd.				
Huawei S5720-SI & S5720-LI Series Switches	Huawei Technologies Co., Ltd.				
Huawei S6720EI Series Switches	Huawei Technologies Co., Ltd.				
Huawei S7700 Series Switches	Huawei Technologies Co., Ltd.				
Huawei USG 6000 Series Firewall	Huawei Technologies Co., Ltd.				
Huawei USG 9520/9560/9580 Firewall	Huawei Technologies Co., Ltd.				
Trusted Platform Module 2.0 SLB 9660/SLB 9665/SLB 9670	Infineon Technologies AG				
ISC Cryptographic Development Kit (CDK)	Information Security Corporation				
INTEGRITY Security Services High Assurance Embedded Cryptographic Toolkit	INTEGRITY Security Services				
McAfee OpenSSL Cryptographic Module	Intel Corporation				
Net Tool Optimizer (NTO) 7303	Ixia				
Vision ONE	Ixia				
Juniper Networks SRX5400, SRX5600, and SRX5800 Services Gateways; JUNOS-FIPS15.1X49	Juniper Networks, Inc				
Juniper Networks SRX1400, SRX3400, and SRX3600 Services Gateways	Juniper Networks, Inc.				
Juniper Networks SRX5400, SRX5600, and SRX5800 Services Gateways	Juniper Networks, Inc.				
Kaspersky Cryptographic Module (Pre-Boot)	Kaspersky Lab UK Ltd.				
Microsoft Corporation Windows Embedded Compact Enhanced Cryptographic Provider 7.00.2872 and Microsoft Corporation Windows Embedded Compact Enhanced Cryptographic Provider 8.00.6246	Microsoft Corporation				
Windows Embedded Compact Cryptographic Primitives Library (bcrypt.dll)	Microsoft Corporation				
IPCryptR2	Motorola Solutions, Inc.				

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NXP JCOP 3 SecID P60 OSA	NXP Semiconductors					
Samsung Flash Memory Protector V1.2	Samsung Electronics Co., Ltd.					
Samsung Kernel Cryptographic Module	Samsung Electronics Co., Ltd.					
RUGGEDCOM Ethernet Switches and RUGGEDCOM Serial Device Server	Siemens Canada Ltd.					
Trusted Platform Module ST33TPHF20SPI	ST Microelectronics					
Trusted Platform Module ST33TPHF2ESPI	ST Microelectronics					
Security Analytics S500 Appliances	Symantec Corporation					
Symantec Java Cryptographic Module	Symantec Corporation					
Datacryptor(R) 100M Ethernet	Thales e-Security Inc.					
Datacryptor(R) Gig Ethernet and 10 Gig Ethernet	Thales e-Security Inc.					
nShield Solo XC F3 [1] and nShield Solo XC F3 for nShield Connect XC [2]	Thales e-Security Inc.					
TRICX Cryptographic Library	Trustonic					
Lenel OnGuard Access Control Cryptographic Module	UTC Fire & Security Americas Corporation, Inc.					
Viptela Cryptographic Module	Viptela					
HGST Ultrastar® SS300 TCG Enterprise SSD	Western Digital Technologies, Inc. HGST, a Western Digital brand					
		<b>Displayed: 84</b>	<b>16</b>	<b>18</b>	<b>50</b>	<b>0</b>
		<b>Not Displayed: 6</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>0</b>
		<b>Total: 90</b>	<b>17</b>	<b>19</b>	<b>54</b>	<b>0</b>