

FIPS 140-2 Consolidated Validation Certificate



The National Institute of Standards and Technology of the United States of America



June 2017



The Communications Security Establishment of the Government of Canada

The National Institute of Standards and Technology, as the United States FIPS 140-2 Cryptographic Module Validation Authority; and the Communications Security Establishment, as the Canadian FIPS 140-2 Cryptographic Module Validation Authority; hereby validate the FIPS 140-2 testing results of the cryptographic modules listed below in accordance with the Derived Test Requirements for FIPS 140-2, Security Requirements for Cryptographic Modules. FIPS 140-2 specifies the security requirements that are to be satisfied by a cryptographic module utilized within a security system protecting Sensitive Information (United States) or Protected Information (Canada) within computer and telecommunications systems (including voice systems).

Products which use a cryptographic module identified below may be labeled as complying with the requirements of FIPS 140-2 so long as the product, throughout its life-cycle, continues to use the validated version of the cryptographic module as specified in this consolidated certificate. The validation report contains additional details concerning test results. No reliability test has been performed and no warranty of the products by both agencies is either expressed or implied.

FIPS 140-2 provides four increasing, qualitative levels of security: Level 1, Level 2, Level 3, and Level 4. These levels are intended to cover the wide range and potential applications and environments in which cryptographic modules may be employed. The security requirements cover eleven areas related to the secure design and implementation of a cryptographic module.

The scope of conformance achieved by the cryptographic modules as tested are identified and listed on the Cryptographic Module Validation Program website. The website listing is the official list of validated cryptographic modules. Each validation entry corresponds to a uniquely assigned certificate number. Associated with each certificate number is the module name(s), module versioning information, applicable caveats, module type, date of initial validation and applicable revisions, Overall Level, individual Levels if different than the Overall Level, FIPS-approved and other algorithms, vendor contact information, a vendor provided description and the accredited Cryptographic Module Testing laboratory which performed the testing.

Signed on behalf of the Government of the United States

Signature: Michael Cooper

Dated: 7/12/2017

Chief, Computer Security Division
National Institute of Standards and Technology

Signed on behalf of the Government of Canada

Signature: [Signature]

Dated: 11/07/2017

Director, Architecture and Technology Assurance
Communications Security Establishment

TM: A Certification Mark of NIST, which does not imply product endorsement by NIST, the U.S., or Canadian Governments

Certificate Number	Validation / Posting Date	Module Name(s)	Vendor Name	Version Information
2919	06/01/2017	Cisco Firepower 4100 and Cisco Firepower 9300 Series	Cisco Systems, Inc.	Hardware Version: FPR4110[1], FPR4120[1], FRP4140[1], FRP4150[1], FPR9300-SM24[2] and FPR9300-SM36[2] with FIPS Kit (Cisco_TEL.FIPS_Kit), and opacity shield 69-100250-01[1] or 800-102843-01[2]; Firmware Version: 2.0
2920	06/14/2017	NXP JCOP 3 SecID P60 OSA	NXP Semiconductors	Hardware Version: P6022y VB; Firmware Version: 0503.8211
2921	06/14/2017	Juniper Networks SRX1400, SRX3400, and SRX3600 Services Gateways	Juniper Networks, Inc.	Hardware Version: P/Ns SRX1400BASE-GE-AC with [1] or [2], SRX1400BASE-GE-DC with [1] or [2], SRX3400BASE-AC with [2], SRX3400BASE-DC with [2], SRX3400BASE-DC2 with [2], SRX3600BASE-AC with [2], SRX3600BASE-DC with [2], and SRX3600BASE-DC2 with [2]; Service Processing Cards SRX1K-NPC-SPC-1-10-40 [1] or SRX3K-SPC-1-10-40 [2]; with Tamper Seals JNPR-FIPS-TAMPER-LBLS; Firmware Version: JUNOS-FIPS 12.3X48-D30
2922	06/16/2017	Trusted Platform Module ST33TPHF2ESPI	ST Microelectronics	Hardware Version: ST33HTPH2E28AAF0, ST33HTPH2E32AAF0, ST33HTPH2E28AAF1 and ST33HTPH2E32AAF1; Firmware Version: 49.00
2923	06/19/2017	Security Analytics S500 Appliances	Symantec Corporation	Hardware Version: P/N 090-03645, P/N 080-03938, P/N 090-03646, P/N 080-03939, P/N 090-03648, P/N 080-03940, P/N 090-03649, and P/N 080-03941 with FIPS Kit: HW-KIT-FIPS-500; Firmware Version: 7.2.3
2924	06/19/2017	Huawei AC6005 Wireless Access Controller	Huawei Technologies Co., Ltd.	Hardware Version: P/Ns AC6005-8, 99089JEB [Baffles] and 4057-113016 [Tamper-Evident Seals]; Firmware Version: V200R007C10SPC100
2925	06/19/2017	Huawei AC6605 Wireless Access Controller	Huawei Technologies Co., Ltd.	Hardware Version: P/Ns AC6605-26, 99089JEB [Baffles] and 4057-113016 [Tamper-Evident Seals]; Firmware Version: V200R007C10SPC100
2926	06/19/2017	Juniper Networks SRX5400, SRX5600, and SRX5800 Services Gateways	Juniper Networks, Inc.	Hardware Version: SRX5400, SRX5600, and SRX5800 with components identified in Security Policy Table 1; Firmware Version: JUNOS-FIPS 12.3X48-D30
2927	06/20/2017	HPE FlexNetwork MSR3024 Router Series	Hewlett Packard Enterprise	Hardware Version: HPE FlexNetwork MSR3024 AC Router (JG406A), HPE FlexNetwork MSR3024 PoE Router (JG408A); Firmware Version: HPE Comware 7.1.045, Release R0305P08
2928	06/20/2017	Kingston DataTraveler 2000	Kingston Technology Company, Inc.	Hardware Version: DT2000/8GB; DT2000/16GB; DT2000/32GB; DT2000/64GB; Firmware Version: Encryption Controller: V1.01.10; Security Controller: v1.11
2929	06/21/2017	Sentry - Encrypted USB Flash Drive	DataLocker Inc.	Hardware Version: SEMS04, SEMS08, SEMS16, SEMS32, SEMS64, SSC004M, SSC008M, SSC016M, SSC032M, SSC064M, SONE004, SONE008, SONE016, SONE032, SONE064, SONE004M, SONE008M, SONE016M, SONE032M and SONE064M; Firmware Version: 3.05

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2930	06/21/2017	HPE FlexNetwork 5130EI, 5130HI, 5510HI and FlexFabric 5930 Switch Series	Hewlett Packard Enterprise	Hardware Version: HPE FlexNetwork 5130 24G 4SFP+ EI Switch (JG932A) [1], HPE FlexNetwork 5130 24G SFP 4SFP+ EI Switch (JG933A) [1], HPE FlexNetwork 5130 48G 4SFP+ EI Switch (JG934A) [1], HPE FlexNetwork 5130 24G PoE+ 4SFP+ (370W) EI Switch (JG936A) [1], HPE FlexNetwork 5130 48G PoE+ 4SFP+ (370W) EI Switch (JG937A) [1], HPE FlexNetwork 5130 24G 2SFP+ 2XGT EI Switch (JG938A) [1], HPE FlexNetwork 5130 48G 2SFP+ 2XGT EI Switch (JG939A) [1], HPE FlexNetwork 5130 24G POE+ 2SFP+ 2XGT (370W) EI Switch (JG940A) [1], HPE FlexNetwork 5130 48G POE+ 2SFP+ 2XGT (370W) EI Switch (JG941A) [1], HPE 5130 24G 4SFP+ 1-slot HI Switch (JH323A) [2], HPE 5130 48G 4SFP+ 1-slot HI Switch (JH324A) [2], HPE 5130 24G PoE+ 4SFP+ 1-slot HI Switch (JH325A) [2], HPE 5130 48G PoE+ 4SFP+ 1-slot HI Switch (JH326A) [2], HPE 5510 24G 4SFP+ HI 1-slot Switch (JH145A) [3], HPE 5510 48G 4SFP+ HI 1-slot Switch (JH146A) [3], HPE 5510 24G PoE+ 4SFP+ HI 1-slot Switch (JH147A) [3], HPE 5510 48G PoE+ 4SFP+ HI 1-slot Switch (JH148A) [3], HPE 5510 24G SFP 4SFP+ HI 1-slot Switch (JH149A) [3], HPE FlexFabric 5930 32QSFP+ Switch (JG726A) [4], HPE FlexFabric 5930 32QSFP+ Switch TAA version (JG727A) [4], HPE FlexFabric 5930 4-slot Switch (JH179A) [4], HPE FlexFabric 5930 4-slot Switch TAA1 version (JH188A) [4], HPE FlexFabric 5930 2QSFP+ 2-slot Switch (JH178A) [4], HPE FlexFabric 5930 2QSFP+ 2-slot Switch TAA1 version (JH187A) [4]; Firmware Version: HPE Comware 7.1.045, Release R3113 [1], HPE Comware 7.1.045, Release R1120P05 [2], HPE Comware 7.1.045, Release R1120 [3], HPE Comware 7.1.045, Release R2423 [4]
2939	06/22/2017	NCoded Cryptographic Server Module	NCoded Communications LLC	Software Version: 2.1

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2940	06/28/2017	HPE FlexNetwork 10500 and HPE FlexFabric 12500 and 12900 Switch Series	Hewlett Packard Enterprise	Hardware Version: {HPE FlexNetwork 10504 Switch Chassis JC613A with (JG496A or JH198A) and opacity shield JG710A [1], HPE FlexNetwork 10504 Switch TAA-Compliant Chassis JG820A with JH206A and opacity shield JG710A [1], HPE FlexNetwork 10508 Switch Chassis JC612A with (JG496A or JH198A) and opacity shield JG711A [1], HPE FlexNetwork 10508 Switch TAA-Compliant Chassis JG821A with JH206A and opacity shield JG711A [1], HPE FlexNetwork 10508-V Switch Chassis JC611A with (JG496A or JH198A) and opacity shield JG712A [1], HPE FlexNetwork 10508-V Switch TAA-Compliant Chassis JG822A with JH206A and opacity shield JG712A [1], HPE FlexNetwork 10512 Switch Chassis JC748A with (JG496A or JH198A) and opacity shield JG713A [1], HPE FlexNetwork 10512 Switch TAA-Compliant Chassis JG823A with JH206A and opacity shield JG713A [1], HPE FlexFabric 12504 AC Switch Chassis JC654A with (JC072B or JG497A), JG794A and opacity shield JG721A [2], HPE FlexFabric 12508E AC Switch Chassis JG782A with JG802A and JG794A [2], HPE FlexFabric 12518E AC Switch Chassis JG784A with JG802A and JG794A [2], HPE FlexFabric 12908E Switch Chassis JH255A with JH104A [3], HPE FlexFabric 12910 Switch AC Chassis JG619A with JG621A [3], HPE FlexFabric 12910 TAA Compliant Switch AC Chassis JH113A with JH114A [3], HPE FlexFabric 12916E Switch Chassis JH103A with JH104A [3]} with tamper evidence labels: JG585A or JG586A; Firmware Version: HPE Comware 7.1.045, Release R7179[1], HPE Comware 7.1.045, Release R7377[2], HPE Comware 7.1.045, Release R1150[3]
2941	06/23/2017	nShield Solo XC F3 [1] and nShield Solo XC F3 for nShield Connect XC [2]	Thales e-Security Inc.	Hardware Version: NC4035E-000 [1] and NC4335N-000 [2], Build Standard A; Firmware Version: 3.3.21
2942	06/23/2017	Samsung Flash Memory Protector V1.2	Samsung Electronics Co., Ltd.	Software Version: 1.3; Hardware Version: 3.0.2
2943	06/23/2017	TCT Crypto Engine Core	TCL Communication Ltd.	Hardware Version: 5.3.3
2944	06/23/2017	TCT Random Number Generator	TCL Communication Ltd.	Hardware Version: 2.1.0
2945	06/23/2017	TCT Crypto Engine	TCL Communication Ltd.	Hardware Version: 2.1.0
2946	06/29/2017	CHR Cryptographic Module	Bull SAS	Hardware Version: 006/A; Firmware Version: V1.06-00L