Indian Common Criteria Certification Scheme (IC3S)

Government of India
Ministry of Electronics & Information Technology, STQC Directorate
6 CGO Complex, New Delhi 110003

Certificate of Product Evaluation

Certificate Number: IC3S/KOL01/CDOT/EAL3/0114/0002

Product Name: CROS-1.8.22-S01 Software running on C-DOT CRAT-100/CRDT-100 Router

Assurance Level: EAL 3

Certificate Report No: STQC/CC/14-15/12/CR Version: 1.0, Dated: 23.06.2020

The product identified in the certificate has been evaluated under the terms and conditions of the Indian Common Criteria Scheme (IC3S), at **Common Criteria Test Laboratory, ERTL (East), Block DN-63, Sector V, Salt Lake, Kolkata-700091, India,** the accredited testing laboratory, using the Common Methodology for IT Security Evaluation (Version 3.1) for conformance to the Common Criteria for IT Security Evaluation (Version 3.1).

This certificate applies only to specific version and release of the product in its evaluated configuration (Refer Annexure 1 & 2 and Certification Report). The product's functional and assurance security specifications are contained in the Security Target and the conclusions of the Common Criteria Testing Laboratory in the evaluation technical report are consistent with the evidence adduced.

This certificate is not an endorsement of the product by any agency of the Government of the India and no warranty of the product is either expressed or implied.

Date of Issue: 15.07.2020

Head IC3S Certification Body

Certificate Expiry: 15.07.2025

Annexure 1 to Common Criteria Certificate Number **IC3S/KOL01/CDOT/EAL3/0114/0002**

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Government of India, Ministry of Electronics & Information Technology
STQC Directorate, 6 CGO Complex, New Delhi 110003

The product below has been evaluated under the terms of Indian Common Criteria Certification Scheme (IC3S) and has met the stated Common Criteria requirements. The scope of the evaluation and the assumed usage environment are specified in the body of Certification Report No. **STQC/CC/14-15/12/CR** Version: **1.0**, Dated: **23.06.2020**, which is available in the website: www.commoncriteria-india.gov.in

Sponsor	Centre for Development of Telematics (C-DOT), C-DOT Campus, Mandi Road, Mehrauli, New Delhi 110030
Developer	Centre for Development of Telematics (C-DOT), C-DOT Campus, Mandi Road, Mehrauli, New Delhi 110030
Security Target Reference Identification	'Security Target For C-DOT CRAT-100 / CRDT –100 Router Running CROS-1.8.22-S01 Software, Version 07'
Product and Version	CROS-1.8.22-S01 Software running on C-DOT CRAT-100/CRDT-100 Router
Target of Evaluation	The TOE is a software (identified as 'CROS-1.8.22-S01'), running within the physical boundary of CRAT-100/CRDT-100 router, which is a single card routing platform providing routing/switching functionality in IP/MPLS network. The TOE receives network packets from source network nodes to its physical ports, processes them and forwards them to destination port based on available routing information. The TOE can be configured through Command Line Interface (CLI) over SSH connection. It can be synchronized with NTP server.
Evaluated Configuration	The evaluated configuration comprises of cDotDPSrv, cDotCPSrvr & cDotFMSrvr files [Hash values (MD5) of the files are in the Annexure 2].
Environment	The TOE environment includes CRAT100/CRDT-100 routing platform (H/W) and the software package containing TOE executables [Hash values (MD5) of the files are in the enclosure].
Compliance to CC Part 2	Compliant
Compliance to CC Part 3	Compliant
Evaluation Assurance Level (EAL)	EAL 3
Evaluation Lab	Common Criteria Test Laboratory, ERTL (East), Block DN-63, Sector V, Salt Lake, Kolkata-700091, India
Date Authorized	08-01-2019

Date of Issue: 15.07.2020

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Annexure 2 to Common Criteria Certificate Number IC3S/KOL01/CDOT/EAL3/0114/0002

CROS-1.8.22-S01 Software running on CDOT CRAT-100 / CRDT- 100 Router (build #2920) consists of the following files

i. **The TOE (Product):** CROS-1.8.22-S01 Software components

cDotDPSrvr: is the Data Plane binary file: eba2448a672f50b073bd581ba4b0f055 (MD5)
cDotCPSrvr: is the Control Plane binary file: 837576400efb8d153ad0649e4cc63353(MD5)
cDotFMSrvr: is the Management Plane binary file: 3a7225c5aca467ec2a09facf8360fac3(MD5)

ii. **TOE Environment (Software):**

The package containing TOE executables having following hash values (MD5).

52e7ceaa888ba5f67ace792b18abe9ce	core-rootfs-v1.8.22-s01.tar.bz2
4d91c6f93900ba93c0e874e3aba6ca25	core-rootfs-v1.8.22-s01.tar.bz2.md5sum
c42ab3f8633e32f558e3eac8edab5ed9	ubootScript-v1.8.22-s01.img
583e76328d241a89de6c4047cefe1e3d	uImage-initramfs-v1.8.22-s01.bin
fefd49ef310ad20d0406f3644a6cf3cd	uImage-initramfs-v1.8.22-s01.bin.md5sum
98a50d0639c67fa2f92b04634cb87842	u-boot. bin

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