
THE CCA DIRECTIVE 1 of 2021

Ref: ICTA/CCA/CCAD/1/2021

02 February 2021

The Information and Communication Technologies Authority in the exercise of its function as the Controller of Certification Authorities and in pursuance of Section 18 (1) (z) of the Information and Communication Technologies Act 2001 (as amended), Section 37 of the Electronic Transactions Act 2000 (as amended) and Regulation 3 (3) of the Electronic Transactions (Certification Authorities) Regulations 2010, hereby issues the following Directive.

1. Short title and Commencement

- a) This Directive shall be called "The CCA Directive 1 of 2021 - (CCAD 1 of 2021)"
- b) The CCA Directive 1 of 2021 shall come into effect on 01 March 2021.

2. Scope and objective

The objective of this Directive is to ensure that Licensed/Recognised/Approved Certification Authorities provide either written user instructions or programming scripts for the installation of the complete Certificates' trust chain with Mauritius CCA Root Certificate in end user devices. This is because the Root Certificate of CCA Mauritius is not de facto included in the Certificate store of major software vendors such as Microsoft, Apple, Adobe, Mozilla, etc. In ensuring this prior installation, end users making use of Certificates with the Mauritius CCA Root Certificate in its trust chain will no longer get the warning notice that this Certificate is not trusted. For internationally recognised Certification Authorities such as DigiCert and Verisign, the warning notice does not appear as their certificates are pre-installed in the Certificate store of major software vendors.



Mr Dick Christophe NG SUI WA

Chairman



Mr Jerome Louis

Officer in Charge

To: All Licensed, Recognised and Approved Certification Authorities

Directive 1 of 2021

1. All Certification Authorities (CAs) licensed/recognised/approved by the Controller of Certification Authorities of Mauritius (CCA) shall need to ensure that the complete trust chain of Certificates is built up in those end user devices making use of Certificates with the Mauritius CCA Root Certificate in its trust chain according to each of the following use case:

- a) For end users having Windows/Linux based workstations which are standalone or in a network which does not have a directory management service, to also provide to them, at the time of the issuance of the end user Certificate, with a programming script to automate the installation of:
- CCA Mauritius Root Certificate in the Trusted Root Certification Authorities folder of the Certificate Store for Windows based workstations and in /etc/pki/... for Linux based workstations;
 - Licensed/Recognised/Approved CA and any other Intermediate CA Certificates (if any) in the Intermediate Certification Authorities folder of the Certificate Store for Windows based workstations and in /etc/pki/... for Linux based workstations.
 - End user Certificate in the Personal folder of the Certificate Store for Windows based workstations and in /etc/pki/... for Linux based workstations.
- b) For end users having Windows/Linux based workstations which are in a network having a directory management service, to issue appropriate written instructions, at the time of the issuance of the end user Certificate, in order to guide them on how to push to all the workstations in the domain the:
- Root Certificate of CCA Mauritius and
 - Licensed/Recognised/Approved CA Certificate.

In this case, with regard to the end user certificate, to also inform the end user that he/she will have to follow the already provided certificate installation process on his/her workstation.



- c) For end users having mobile devices (iOS and Android), to issue appropriate written instructions, at the time of the issuance of the end user Certificate, in order to guide them for the installation of
- the end user Certificate issued by the licensed CA,
 - the CA Certificate, as well as
 - the installation of the Root Certificate of CCA Mauritius.
2. All CAs licensed/recognised/approved by the CCA Mauritius should modify their respective Certificate Practice Statement (CPS) to reflect the above requirements and the scope of the CA audit should include automatic certificate installation to Certificate Store.
3. All CAs licensed/recognised/approved by the CCA Mauritius should notify their end users of these installation procedures.

