

India Updates

SSC Meeting

Singapore | 14-June-2024

New initiatives

- Indian PKI ecosystem is regulated by Controller of Certifying Authorities under Ministry of Electronics and Information Technology (MeitY). It successfully operates PKI in India with 20+ Licensed CAs, serving to half billion users across the country.
- India has about 8 Empanelled Auditors, with constant review and training to the auditor team. Regulator has expressed vision for moving towards Webtrust as the default compliance scheme
- India is working on Mutual Recognition with other countries with its published framework proposal. It is actively engaging with pilots and technical evaluation with European Union as well as Japan, among several other regional interactions.
- India is also working towards its Quantum Resistant Cryptography objective.

New initiatives (..2)

- Regulator has established Centralized CRL and OCSP monitoring of all Licensed CAs
<https://camonitor.ocvs.gov.in/>
- India is working towards Blockchain enabled certificate log management & monitoring at country level with technical validation of certificates issued by licensed CAs. This is expected to bring more transparency and monitoring capability for technical compliance of PKI ecosystem.
- A government organization is also working towards setting up new root CA for SSL/TLS certificate recognition. India currently has one qualified CA (private) for globally recognized SSL/TLS certificates.
- Regulator is working towards Development of PKI based Digital Certificates for IoT Device such as (i) Smart City, (ii) UAVs i.e. Drone and (iii) Automotive Industry

Thank you
