



भारत सरकार  
Government of India  
केन्द्रीय जल आयोग  
CENTRAL WATER COMMISSION  
प्रशिक्षण निदेशालय  
Training Directorate

No.5/60/2014-Trg/Vol-II/ 342-487


Dt. 18.01.2018

विषय: Training Programme on "Implementation of e-procurement of CWC" reg.

Training programme on "Implementation of e-procurement of CWC" to be conducted by Telecommunication Consultation India Limited at TCIL Bhawan, Greater Kailash-1, New Delhi-110048, during **08-09 February, 2018**. It is requested that nomination of interested/ eligible officers, may be forwarded to this office with the approval of the Concerned Chief Engineers positively by **24.01.2018**. A copy of the Bio data of the nominated officers may also be enclosed along with the nominations indicating the number of events so far attended by them.

It is for information that nominations received after the stipulated date will not be considered and also nominations once approved by Chairman, CWC, will not be allowed to be withdrawn.

संलग्नकः यथोक्त

  
18/01/2018  
(रमेश कुमार)  
निदेशक (प्रशिक्षण)

1. PPS to Chairman, CWC, New Delhi.
2. PPS to Member D&R/RM/WP&P, CWC, New Delhi.
3. All Chief Engineers, Central Water Commission.
4. Director, D&RC, RMCD, WP&PC CWC, New Delhi.
5. Secretary/ Director (TC), CWC, New Delhi.
6. All Directors/ Superintending Engineers, Central Water Commission.
7. J.E.(Trg), CWC, New Delhi to upload this circular on CWC website [www.cwc.nic.in/intranet](http://www.cwc.nic.in/intranet) portal.





Central Certification Authority  
 Providing a secure and reliable environment for digital signatures  
 Confidentiality, Integrity, Authenticity and Non-repudiation

Home | About Us | Frequently Asked Questions | Contact Us

## About Us

[About CCA](#)

[Vision's, Mission](#)

[Organizational Structure](#)

[Organizational Members](#)

[Offices/Chapters](#)

[Funding](#)

[CCA Funded Project](#)

## Frequently Asked Questions

What is the difference between RA(Registration Authority) and CA(Certifying Authority)?

When you cancel an earlier communication you can get it back, how does this work in e-environment?

If CA is out of business then if the subscriber is told to move to another CA then the subscriber has to get a new digital certificate. What happens to his/her earlier transactions ? Does this not create a legal and financial problem?

Does CCA enforce Disaster Recovery Centre for CAs?

If somebody uses others computer, instead of his own computer, then is there any possibility of threat to the security of the owners/users digital signature?

Can digital signature be employed in wireless network?

Is there a "Specimen Digital Signature" like paper signature?

One can sign a paper without the knowledge of a signer. Is it possible in digital signature also?

Can a person have two digital signatures say one for official use and other one for personal use?

What is the extent of liability of a CA in case of anti-national activities performed by a subscriber using digital signature and secure encrypted communication?

In paper world, date and the place where the paper has been signed is recorded and court proceedings are followed on that basis. What mechanism is being followed for dispute settlements in the case of digital signatures?

In what format the public key should be given to CA for certification?

If a person is transferred from one post to another (say in govt. department), the digital signature will also change (yes/no)? Please explain?

Can CA have sub CA? Or can there be a concept of root CA, CA and sub CA?

What is the legal sanctity of a certificate issued by outside CA (CA of a foreign country)?

Whether CPS differs for one CA to another CA?

What is CPS?

What types of measures are being executed by CCA for licensing a CA?

How often is auditing done? (Auditing Cycle Period)? Whether it is continuous process?

How does cross-border inter-operability work in relation to digital signatures?

Does a person require multiple Digital Signatures Certificates for different places or organizations?

What are the different classes of Digital Signature Certificates?

Is Root Certificate free?

Where do I get CCAs Root Certificate?

What is the function of the Root certificate?

Who are the CAs licensed by the CCA?

How do I get a Digital Signature Certificate?

Q: What is the difference between RA.(Registration Authority) and CA.(Certifying Authority)?

A: RA interacts with the subscribers for providing CA services. The RA is subsumed in the CA, which takes total responsibility for all actions of the RA.

Q: When you cancel an earlier communication you can get it back, how does this work in e-environment?

A: A new message saying that the current message supersedes the earlier one can be sent to the recipient(s). This assumes that all messages are time stamped

Q: If CA is out of business then if the subscriber is told to move to another CA then the subscriber has to get a new digital certificate. What happens to his/her earlier transactions ? Does this not create a legal and financial problem?

A: Prior to cessation of operations the CA has to follow procedures as laid down under the IT Act.



Such problems should not still store exist.

Q: Does CCA enforce Disaster Recovery Centre for CAs?

A: Yes, it is a mandatory requirement under IT Act 2000

Q: If somebody uses other computer, instead of his own computer, then is there any possibility of threat to the security of the owner / users digital signature?

A: No, there is no threat to the security of the owner / users digital signature, if the private key lies on the smartcard / cryptotoken and does not leave the SmartCard/cryptotoken.

Q: Does one require multiple smart cards for different banks?

A: Ideally, not within the same class.

Q: Can digital signature be employed in wireless network?

A: Yes

Q: Is there a "Specimen Digital Signature" like paper signature?

A: No. The Digital signature changes with content of the message.

Q: One can sign a paper without knowledge of a signer. Is it possible in digital signature also?

A: It depends upon the how the subscriber has kept his private keys. If private key is not stored securely, then it can be misused without the knowledge of the owner of the private key.

Q: Can a person have two digital signatures say one for official use and other one for personal use?

A: Yes

Q: What is the extent of liability of a CA in case of anti-national activities performed by a subscriber using digital signature and secure encrypted communication?

A: CA has no liability, since CA is only facilitating end-to-end secure communication using digital signature.

Q: In paper world, date and the place where the paper has been signed is recorded and court proceedings are followed on that basis. What mechanism is being followed for dispute settlements in the case of digital signatures?

A: Under the IT Act, 2000 Digital Signatures are at par with hand written signatures. Therefore, similar court proceedings will be followed.

Q: In what format the public key should be given to CA for certification?

A: In PKCS #10 format

Q: If a person is transferred from one post to another (say in govt. department), the digital signature will also change (yes/no)? Please explain?

A: Yes. On moving from one department to another, if the procedures in place so demand, then the existing certificate will be revoked and a new one issued. In any case, the digital signature generated is different each time, even if the same key has been used.

Q: Can CA have sub CA? Or can there be a concept of root CA, CA and sub CA?

A: No. As per IT Act, 2000 there is no provision of a sub CA. All CAs must be granted license by CCA, India. In case of any dispute, the CA licensed by CCA will be answerable.

Q: What is the legal sanctity of a certificate issued by outside CA (CA of a foreign country)?

A: The sanctity of such a certificate will be as per the agreement between outside CA and a licensed CA in India. Such an agreement has to be approved by the CCA

Q: Whether CPS differs for one CA to another CA?

A: Yes

Q: What is CPS?

A: CPS (Certification Practice Statement): A statement of the practices, which a certification authority employs in issuing and managing certificates. A CPS may take the form of a declaration by the CA of the details of its trustworthy system and the practices it employs in its operations and in support of issuance of a certificate. General CPS framework is given in the guidelines.

Q: What types of measures are being executed by CCA for licensing a CA?

A: Detailed information, financial, technical and procedural is obtained from the CA as part of the application for