



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : SSD 10/T-20

Date : 21 January 2025

TECHNICAL COMMITTEE : IT & IT enabled Services, SSD 10

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the IT & IT enabled Services Sectional Committee, SSD 10. Please [click here](#) to view the document.

**Document Number : SSD 10 (27044) WC**

**Title of the document : Electronic Signatures and Infrastructures ESI CAAdES digital signatures Part 1: Building blocks and CAAdES baseline signatures**

**Document Type : New Indian Standard**

*This document has following salient features which may require specific attention for your valuable comments:*

1) *This draft standard specifies CAAdES digital signatures. CAAdES signatures are built on CMS signatures, by incorporation of signed and unsigned attributes, which fulfil certain common requirements (such as the long term validity of digital signatures, for instance) in a number of use cases. The standard specifies the ASN.1 definition for the aforementioned attributes as well as their usage when incorporating them to CAAdES signatures. The standard specifies formats for CAAdES baseline signatures, which provide the basic features necessary for a wide range of business and governmental use cases for electronic procedures and communications to be applicable to a wide range of communities when there is a clear need for interoperability of digital signatures used in electronic documents. The standard defines four levels of CAAdES baseline signatures addressing incremental requirements to maintain the validity of the signatures over the long term, in a way that a certain level always addresses al*

Please examine the document and share your comments regarding further improvement in the document.

**Last date for sharing the comments is : 20 February 2025**

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at [ssd@bis.gov.in](mailto:ssd@bis.gov.in) to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,**  
**(S K KANOGIA)**  
**Head (Service Sector Department)**  
**Email: [ssd@bis.gov.in](mailto:ssd@bis.gov.in)**



**व्यापक परिचालन में मसौदा(दे)**

हमारा सन्दर्भ : SSD 10/T-20

दिनांक : 21-01-2025

**तकनीकी समिति : IT & IT enabled Services Sectional Committee, SSD 10**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : SSD 10 (27044) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

**सम्मतियाँ भेजने की अंतिम तिथि : 20 February 2025**

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट [www.bis.gov.in](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

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