|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CHANGE REQUEST** | | | | | | | | | | | | | | | |
|  | ETSI TS 103 097 | | | **Version** | 1.3.1 | **CR** | | *7* | | **rev** | | | | - |  |
|  | | | | | | | | | | | | | | | |
| **CR Title** | | Delete ASN.1 type SingleEtsiTs103097Certificate | | | | | | | | | | | | | |
|  | |  | | | | | | | | | | | | | |
| **Original Source** | | ITS WG5 | | | | | | | | | | | | | |
|  | |  | | | | | | | | | | | | | |
| **Work Item Ref** | | RTS/ITS-00557 | | | | | **Submission date** | | | | | 16.06.2020 | | | |
| **Approving TB** | | ITS | | | | | **Approval date** | | | | | 01.07.2020 | | | |
| **Category:** | | **F** | **Release** | | | | | | | | 1 | | |  | |
|  | | Use **one** of the following categories: **F** (correction) **A** (correction in an earlier release) **B** (addition of feature)  **C** (functional modification of feature) **D** (editorial modification) | | | | | | | | | | |  | | |
|  | |  | | | | | | | | | | | | | |
| **Reason for change** | | | There is a definition in the ASN.1 code that causes some parsers to return an error and some others not. The proposed change is backwards compatible. | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Consequence if not approved** | | | Some implementers cannot use the ASN.1 code . | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Summary of change** | | | Delete the type SingleEtsiTs103097Certificate and make a size constraint in the component signer of EtsiTs103097Data instead. | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Clauses affected** | | | A.1 | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Linked Change Requests** | | | - | | | | | |  | | | | | | |
|  | | |  | | | | | |  | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Other comments** | | |  | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |

# A.1 ETSI TS 103 097 ASN.1 Module

***Provide a link to the module on ETSI Forge***

***Apply the following changes to the EtsiTS103097Module (highlighted in yellow):***

EtsiTs103097Module

{ itu-t(0) identified-organization(4) etsi(0) itsDomain(5) wg5(5) ts(103097) v1(0) }

DEFINITIONS AUTOMATIC TAGS ::= BEGIN

IMPORTS

Ieee1609Dot2Data, ExplicitCertificate

FROM

IEEE1609dot2 {iso(1) identified-organization(3) ieee(111)

standards-association-numbered-series-standards(2) wave-stds(1609)

dot2(2) base (1) schema (1) major-version-2(2)};

EtsiTs103097Certificate::= ExplicitCertificate

(WITH COMPONENTS{...,

toBeSigned (WITH COMPONENTS{...,

id (WITH COMPONENTS{...,

linkageData ABSENT,

binaryId ABSENT

}),

certRequestPermissions ABSENT,

canRequestRollover ABSENT

})

})

~~SingleEtsiTs103097Certificate ::= SEQUENCE {~~

~~only EtsiTs103097Certificate~~

~~}~~

EtsiTs103097Data::=Ieee1609Dot2Data (WITH COMPONENTS {...,

content (WITH COMPONENTS {...,

signedData (WITH COMPONENTS {..., -- constraints on signed data headers

tbsData (WITH COMPONENTS {

headerInfo (WITH COMPONENTS {...,

generationTime PRESENT,

p2pcdLearningRequest ABSENT,

missingCrlIdentifier ABSENT

})

}),

signer (WITH COMPONENTS {..., --constraints on the certificate

certificate ~~(WITH COMPONENT (SingleEtsiTs103097Certificate))~~ ((WITH COMPONENT (EtsiTs103097Certificate))^(SIZE(1)))

})

}),

encryptedData (WITH COMPONENTS {..., -- constraints on encrypted data headers

recipients (WITH COMPONENT (

(WITH COMPONENTS {...,

symmRecipInfo ABSENT,

rekRecipInfo ABSENT

})

))

}),

signedCertificateRequest ABSENT

})

})