|  |
| --- |
| **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

 })

})