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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **CHANGE REQUEST** | | | | | | | | | | | | | | | |
|  | ETSI TS 103 097 | | | **Version** | 1.3.1 | **CR** | | *8* | | **rev** | | | | - |  |
|  | | | | | | | | | | | | | | | |
| **CR Title** | | Move newly defined TS103097 data types from TS 102 941 to TS 103 097 | | | | | | | | | | | | | |
|  | |  | | | | | | | | | | | | | |
| **Original Source** | | ITS WG5 | | | | | | | | | | | | | |
|  | |  | | | | | | | | | | | | | |
| **Work Item Ref** | | RTS/ITS-00557 | | | | | **Submission date** | | | | | 16.6.2020 | | | |
| **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** | | | In the revision of TS 102 941 to its V1.3.1 three data types were defined that in reality belong to TS 103 097 and should me moved | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Consequence if not approved** | | | Unclean design of ASN.1 code. Possible duplication of ASN1. Types in future. | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Summary of change** | | | Delete the following data types from TS 102 941 V1.3.1 and insert them into the module of TS 103 097 V1.4.1:  EtsiTs103097Data-Unsecured  EtsiTs103097Data-Encrypted-Unicast  EtsiTs103097Data-SignedAndEncrypted-Unicast | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Clauses affected** | | | 5.1 and A.1 | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |
| **Linked Change Requests** | | | - | | | | | |  | | | | | | |
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| **Other comments** | | |  | | | | | | | | | | | | |
|  | | |  | | | | | | | | | | | | |

# 5.1 EtsiTs103097Data

***Apply the following changes(underlined):***

The following corresponding profiles of the type EtsiTs103097Data are defined in annex A:

* The parameterized type EtsiTs103097Data-Unsecured using the Ieee1609Dot2Data option unsecuredData.
* The parameterized type EtsiTs103097Data-Signed using the Ieee1609Dot2Data option signedData containing the data structure in the component tbsData.payload.data.
* The parameterized type EtsiTs103097Data-SignedExternalPayload using the Ieee1609Dot2Data option signedData containing the digest of the data structure in the component tbsData.payload.extDataHash.
* The parameterized type EtsiTs103097Data-Encrypted, using the Ieee1609Dot2Data option encryptedData containing the encrypted data structure in the component ciphertext.aes128ccm.ccmCiphertext.
* The parameterized type EtsiTs103097Data- SignedAndEncrypted, using the parameterized type EtsiTs103097Data-Encrypted, containing an encrypted EtsiTs103097Data-Signed.
* The parameterized type EtsiTs103097Data-Encrypted-Unicast using the parameterized type EtsiTs103097Data-Encrypted further constraint to have one entry in the component recipients.
* The parameterized type EtsiTs103097Data-SignedAndEncrypted-Unicast using the parameterized type EtsiTs103097Data-Encrypted containing an encrypted EtsiTs103097Data-Signed and further constraint to have one entry in the component recipients.

# A.1 ETSI TS 103 097 ASN.1 Module

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

***Insert the following data types into the module identified by the OID:*** *{ itu-t(0) identified-organization(4) etsi(0) itsDomain(5) wg5(5) ts(103097) v2(1) }*

EtsiTs103097Data-Unsecured {ToBeSentDataContent} ::= EtsiTs103097Data (WITH COMPONENTS {...,

content (WITH COMPONENTS {

unsecuredData (CONTAINING ToBeSentDataContent)

})

})

EtsiTs103097Data-Encrypted-Unicast {ToBeEncryptedDataContent} ::= EtsiTs103097Data-Encrypted { EtsiTs103097Data-Unsecured{ToBeEncryptedDataContent}} (WITH COMPONENTS {...,

content (WITH COMPONENTS {

encryptedData (WITH COMPONENTS {...,

recipients (SIZE(1))

})

})

})

EtsiTs103097Data-SignedAndEncrypted-Unicast {ToBesignedAndEncryptedDataContent} ::= EtsiTs103097Data-Encrypted {EtsiTs103097Data-Signed {ToBesignedAndEncryptedDataContent}} (WITH COMPONENTS {...,

content (WITH COMPONENTS {

encryptedData (WITH COMPONENTS {...,

recipients (SIZE(1))

})

})

})