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| **CHANGE REQUEST** |
|  | ETSI TS 103 097 | **Version** | 1.3.1 | **CR** | *5* | **rev** | - |  |
|  |
| **CR Title** | Provisionally add data type to IEEE 1609.2 module to support TS 102 941 update |
|  |  |
| **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** | The document submitted in [ITS(20)038032](https://docbox.etsi.org/ITS/ITS/05-CONTRIBUTIONS/2020/ITS%2820%29038032_EU_CCMS_Follow-up_of_PlugTest_and_updates_required_in_standa.zip) (section 2.1) requires link certificates to be TS 102 941 messages. To define such messages the extended variant of the data type called HashedData of 1609.2 must be imported. This data type will be extended in the next revision of the common base standard IEEE 1609.2 but an interim solution is needed to be able to revise TS 102 941 according to plan.  |
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| **Consequence if not approved** | Standard compliant devices cannot not trust the update of TLM certificates using link certificate and hence cannot trust ECTLs signed by the new TLM certificate.  |
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| **Summary of change** | Create two subclauses “A.2.1 Actual IEEE 1609.2 ASN.1 modules” and “A.2.2 provisional changes to the actual IEEE 1609.2 ASN.1 modules”.Put the current content of A.2 in A.2.1.Add the content defined at the end of this CR in A.2.2 |
|  |  |
| **Clauses affected** | A.2 |
|  |  |
| **Linked Change Requests** | - |  |
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|  |  |
| **Other comments** |  |
|  |  |

# A.2 IEEE 1609.2 ASN.1 modules

***Define two subclauses:***

### A.2.1 Current IEEE 1609.2 ASN.1 modules

***Insert link to current IEEE 1609.2 ASN.1 module on ETSI Forge here.***

### A.2.2 Provisional changes to the current IEEE 1609.2 ASN.1 modules

***Insert link to amended IEEE 1609.2 ASN.1 module on ETSI Forge here.***

***Add the following paragraph:***

Extend the type HashedData in the module 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)}, as defined below:

 HashedData::= CHOICE {

 sha256HashedData OCTET STRING (SIZE(32)),

 ...,

 sha384HashedData OCTET STRING (SIZE(48)),

 reserved OCTET STRING (SIZE(32))

 }

Note: it is expected that the changes listed in this clause will be adopted in the next version of IEEE 1609.2.