
**Identification cards — Integrated
circuit cards —**

**Part 15:
Cryptographic information application
AMENDMENT 1**

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*Cartes d'identification — Cartes à circuit intégré à contacts —
Partie 15: Application des informations cryptographiques*

AMENDEMENT 1
ISO/IEC 7816-15:2016/Amd 1:2018

<https://standards.iteh.ai/catalog/standards/sist/5b4a3258-f36b-454a-8390-2f0307c5c369/iso-iec-7816-15-2016-amd-1-2018>



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Published in Switzerland

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This document was prepared by ISO/IEC JTC 1, *Information technology*, SC 17, *Cards and personal identification*.

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Part 15: Cryptographic information application

AMENDMENT 1

Page 27, 8.4.1

Replace the PrivateKeyChoice ASN.1 definition with:

```
PrivateKeyChoice ::= CHOICE {
    privateRSAKey          PrivateKeyObject {PrivateKeyAttributes},
    privateECKey          [0] PrivateKeyObject {PrivateKeyAttributes},
    privateDHKey          [1] PrivateKeyObject {PrivateKeyAttributes},
    privateDSAKey        [2] PrivateKeyObject {PrivateKeyAttributes},
    privateKEAKey        [3] PrivateKeyObject {PrivateKeyAttributes},
    genericPrivateKey     [4] PrivateKeyObject {GenericKeyAttributes},
    othergenericPrivateKey [5] PrivateKeyObject {OtherGenericKeyAttributes},
    ... - For future extensions
}
```

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Page 27, 8.4.1

Add at the end of the text under the two ASN.1 definitions the following:

When **KeyAttributes** are used as an EF reference, the **othergenericPrivateKey** CHOICE may apply.

Page 27, 8.4.1

Add right after the first paragraph under the two ASN.1 definitions, the following one:

OtherGenericKeyAttributes ::= ReferencedValue

Page 29, 8.5.1

Replace the PublicKeyChoice ASN.1 definition with:

```

PublicKeyChoice ::= CHOICE {
publicRSAKey           PublicKeyObject {PublicRSAKeyAttributes},
publicECKey          [0] PublicKeyObject {PublicECKeyAttributes},
publicDHKey          [1] PublicKeyObject {PublicDHKeyAttributes},
publicDSAKey         [2] PublicKeyObject {PublicDSAKeyAttributes},
publicKEAKey         [3] PublicKeyObject {PublicKEAKeyAttributes},
genericPublicKey     [4] PublicKeyObject { GenericKeyAttributes},
othergenericPublicKey [5] PublicKeyObject {OtherGenericKeyAttributes},
... - For future extensions
}

```

Page 29, 8.5.1

Add at the end of the text under the two ASN.1 definitions the following:

When **KeyAttributes** are used as an EF reference, the **othergenericPublicKey** CHOICE may apply.

Page 49, A.4.1

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Replace the PrivateKeyChoice ASN.1 definition with:

```

PrivateKeyChoice ::= CHOICE {
privateRSAKey           PrivateKeyObject {PrivateRSAKeyAttributes},
privateECKey          [0] PrivateKeyObject {PrivateECKeyAttributes},
privateDHKey          [1] PrivateKeyObject {PrivateDHKeyAttributes},
privateDSAKey         [2] PrivateKeyObject {PrivateDSAKeyAttributes},
privateKEAKey         [3] PrivateKeyObject {PrivateKEAKeyAttributes},
genericPrivateKey     [4] PrivateKeyObject { GenericKeyAttributes},
othergenericPrivateKey [5] PrivateKeyObject {OtherGenericKeyAttributes},
... - For future extensions
}

```

Page 50, A.4.1

Add right after the second ASN.1 definition, the following one:

```

OtherGenericKeyAttributes ::= ReferencedValue

```

Page 51, A.5.1

Replace the PublicKeyChoice ASN.1 definition with:

```

PublicKeyChoice ::= CHOICE {
publicRSAKey           PublicKeyObject {PublicRSAKeyAttributes},
publicECKey           [0] PublicKeyObject {PublicECKeyAttributes},
publicDHKey           [1] PublicKeyObject {PublicDHKeyAttributes},
publicDSAKey          [2] PublicKeyObject {PublicDSAKeyAttributes},
publicKEAKey          [3] PublicKeyObject {PublicKEAKeyAttributes},
genericPublicKey      [4] PublicKeyObject {GenericKeyAttributes},
othergenericPublicKey [5] PublicKeyObject {OtherGenericKeyAttributes},
... - For future extensions
}

```

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