

ERRATA

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TCG Platform Attribute Credential Profile

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1. Introduction

This document describes errata and clarifications for the TCG Platform Attribute Credential Profile; Version 1.0; Revision 15 as published. The information in this document is likely – but not certain – to be incorporated into a future version of the specification. Suggested fixes proposed in this document may be modified before being published in a later TCG Specification. Therefore, the contents of this document are not normative and only become normative when included in an updated version of the published specification. Note that since the errata in this document are non-normative, the patent licensing rights granted by Section 16.4 of the Bylaws do not apply.

2. Clarifications

The following clarifications will help readers in understanding the specification.

2.1 Clarification 1

3.2.11 Authority Info Access

Current:

The relying party can access the certificate status for this certificate by sending a properly formatted OCSPRequest to the URI. If both a CDP and OCSP AIA extension are present in the certificate, then the relying parties SHOULD use OCSP as the primary validation mechanism.

Clarification:

CDP is a CRL Distribution Point (CDP)

2.2 Clarification 2

In section 3.3.6 Subject

Current:

If the subject name field is empty, the subject alternative name extension MUST be critical in accordance with RFC 5280[13], otherwise it SHOULD be non-critical.

Change To:

If the subject name field is empty, the subject alternative name extension MUST be critical in accordance with RFC 5280[13], otherwise the subject alternative name extension SHOULD be non-critical.

3. Errata

The following are corrections to editing errors.

3.1 Errata 1

The document's title uses the term Credential which is an abstract concept. This document defines what is commonly referred to as a Certificate. Also, the title is unnecessarily restrictive as this document defines both an attribute certificate and a key certificate.

Document title:

Current:

TCG Platform Attribute Credential Profile

Change to:

TCG Platform Certificate Profile

Change all references in the document.

3.2 Errata 2

In section 1.1 Purpose, add at end of first paragraph:

Current:

As this document contains definitions for both attribute and key certificates, this specification supersedes and replaces TPM 1.2 TCG Credential Profiles document, section 2.5.

Change To:

This specification defines Platform Attribute Credential for use with any TPM Family 1.2 and 2.0 version. This specification defines the abstract definition of the credential and specifically how it would appear as an X.509 certificate.

3.3 Errata 3

Section 2.1.6 Assertions Made by a Platform Attribute Credential

Row 3

Current:

Field name: "Platform Manufacturer"

Description: "Name of platform manufacturer"

Change To:

Field name: "Platform Manufacturer String"

Description: "Name of platform manufacturer as a string"

Row 14:

Current:

Field Name: Manufacturer Identifier

Description: Platform manufacturer unique identifier

Change To:

Field Name: Platform Manufacturer Identifier

Description: Platform manufacturer unique identifier as an IANA identifier

3.4 Errata 4

In section 2.1.6 Assertions Made by a Platform Attribute Credential

Add after section 2.1.6.2 EK Credential:

[New section number] Platform Manufacturer String

This assertion identifies the platform manufacturer using a Platform Manufacturer assigned string.

3.5 Errata 5

Section 3.1.1 Security Qualities

Definition of securityQualities is incorrect:

Current:

```
securityQualities ATTRIBUTE ::= {  
    WITH SYNTAX SecurityQualities  
    ID tcg-at-tpmSecurityQualities }
```

Change To:

```
securityQualities ATTRIBUTE ::= {  
    WITH SYNTAX SecurityQualities  
    ID tcg-at-securityQualities }
```

3.6 Errata 6

In section 3.1.2 TPM and Platform Assertions

Change paragraph 5:

Current:

If both are present, they must represent consistent values.

Change To:

If both are present, they **MUST** represent consistent values.

3.7 Errata 7

Section 3.1.4 Name Attributes

Definition of PlatformManufacturerStr is incorrect:

Current:

```
PlatformManufacturerStr ATTRIBUTE ::= {  
    WITH SYNTAX UTF8String (SIZE (1..STRMAX))  
    ID tcg-at-platformManufacturer }
```

Change To:

```
PlatformManufacturerStr ATTRIBUTE ::= {  
    WITH SYNTAX UTF8String (SIZE (1..STRMAX))  
    ID tcg-at-platformManufacturerStr }
```

3.8 Errata 8

In section 3.2.5 Issuer

Current:

This is the entity that asserts that the platform incorporates a TPM and RTM in a manner that conforms to the TCG specification.

Change To:

This is the entity that asserts that the platform incorporates a TPM and RTM in a manner that conforms to the relevant TCG Platform Specific specification.

3.9 Errata 9

In section 3.3.4 Issuer

Same change as 3.8 above.

3.10 Errata 10

In sections 4 X.509 ASN.1 Structures and OIDs the following OID is incorrect:

Current

```
tcg-kp-PlatformCertificate OBJECT IDENTIFIER ::= {tcg-kp 2}
```

Change To:

```
tcg-kp-PlatformAttributeCertificate OBJECT IDENTIFIER ::= {tcg-kp 2}
```