

# Proposal for Renaming the Application Specific Identification attribute

To: OASIS KMIP Technical Committee  
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Version: [2](#)

Purpose: Rename the Application Specific Identification attribute because the current name does describe the purpose of this attribute accurately. It can be used for a variety of different purposes and not only for storing the intended use of a managed object. Thus, the attribute would benefit from a more generic name.

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## Application Specific Information

The *Application Specific Information* is used to [store data which is specific to the application\(s\) using the object](#). It consists of two parts: [a name space and application specific data](#). The application name spaces are arbitrary text strings so that new types of application [data](#) can be used without requiring the standard to be updated. [The Usage Guide provides a list of application name spaces](#).

[Clients can set or modify an instance of this attribute with a particular Application Name Space while omitting Application Data. This results in the server returning a suitable Application Data value provided the server is able to generate Application Data for this particular Application Name Space.](#)

[If the server is unable to generate the Application Data an Application Name Space Not Supported error is returned to the client.](#)

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**Deleted:** specify the intended use of a Managed Object.

**Deleted:** the application name space that the object will be used with,

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**Deleted:** identification specific to that application name space.

**Deleted:** identifiers

**Comment:** The text deleted below should be included in the Usage Guide instead.

**Deleted:** Some examples of application name space and identifier pairs:¶  
 <#>SMIME,  
 'someuser@company.com'¶  
 <#>SSL, 'some.domain.name'¶  
 <#>Volume Identification,  
 '123343434' File Name, 'secret.doc'¶  
 The following application names spaces are recommended:¶  
 <#>SMIME¶  
 <#>SSL¶  
 <#>IPSEC¶  
 <#>HTTPS¶  
 <#>PGP¶  
 <#>Volume Identification¶  
 File NameOther values may be used according to server policy. No extension mechanism is defined or needed as any text string is allowable.¶

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Object	Encoding	Required Field
Application Specific <a href="#">Information</a>	Structure	Yes
Application Name Space	Text String	Yes
Application <a href="#">Data</a>	Text String	<a href="#">No, if omitted and if the server can handle the Application Name Space then the server will set Application Data.</a>

Must always have a value	No
Initially set by	Client <u>or Server only if requested by Client</u>
Modifiable by server	<u>Yes, only if requested by Client</u>
Modifiable by client	Yes
Deletable by client	Yes
Multiple instances permitted	Yes
When implicitly set	Re-key, Re-certify
Applies to Object Types	All Cryptographic Objects

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