

OpcSecurityAlgorithm Enum

Namespace: Opc.UaFx

Assemblies: Opc.UaFx.Advanced.dll

Defines the different algorithms supported to describe the [Uri](#) of a specific [OpcSecurityPolicy](#) and through that the type of message encryption used by that security policy.

C#

```
[Obfuscation]
public enum OpcSecurityAlgorithm
```

Inheritance [Object](#) > [ValueType](#) > [Enum](#) > OpcSecurityAlgorithm

Attributes [ObfuscationAttribute](#)

Fields

Name	Value	Description
Auto	0	The Algorithm and Uri used by a OpcSecurityPolicy is determined according to the OpcSecurityMode used.
Custom	1	The Algorithm referred to by Uri used by a OpcSecurityPolicy does not refer to one of the OPC UA predefined security policies.
None	2	The URI ' http://opcfoundation.org/UA/SecurityPolicy#None ' is used by the Uri of a OpcSecurityPolicy and expresses that no security is to be used.
Basic128Rsa15	3	The URI ' http://opcfoundation.org/UA/SecurityPolicy#Basic128Rsa15 ' is used by the Uri of a OpcSecurityPolicy and expresses the use of (not longer secure) security using RSA-15 as the key wrap algorithm and 128-bit Basic for message encryption.
Basic256	4	The URI ' http://opcfoundation.org/UA/SecurityPolicy#Basic256 ' is used by the Uri of a OpcSecurityPolicy and expresses the use of security using 256-bit Basic for message encryption.
Basic256Sha256	5	The URI ' http://opcfoundation.org/UA/SecurityPolicy#Basic256Sha256 ' is used by the Uri of a OpcSecurityPolicy and expresses the use of security using SHA-256 for the signature digest and 256-bit Basic for message encryption.
Https	6	The URI ' http://opcfoundation.org/UA/SecurityPolicy#Https ' is used by the Uri of a OpcSecurityPolicy and expresses the use of security using an encryption layer of SSL/TLS to protect messages. ATTENTION: This security algorithm is (not) yet supported by OPC UA.

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