Microsoft OID...................................1.3.6.1.4.1.311

Authenticode....................................1.3.6.1.4.1.311.2

// Software Publishing (with associated encoders/decoders)

SPC\_INDIRECT\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.4

SPC\_STATEMENT\_TYPE\_OBJID 1.3.6.1.4.1.311.2.1.11

SPC\_SP\_OPUS\_INFO\_OBJID 1.3.6.1.4.1.311.2.1.12

SPC\_PE\_IMAGE\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.15

SPC\_SP\_AGENCY\_INFO\_OBJID 1.3.6.1.4.1.311.2.1.10

SPC\_MINIMAL\_CRITERIA\_OBJID 1.3.6.1.4.1.311.2.1.26

SPC\_FINANCIAL\_CRITERIA\_OBJID 1.3.6.1.4.1.311.2.1.27

SPC\_LINK\_OBJID 1.3.6.1.4.1.311.2.1.28

SPC\_HASH\_INFO\_OBJID 1.3.6.1.4.1.311.2.1.29

SPC\_SIPINFO\_OBJID 1.3.6.1.4.1.311.2.1.30

// Software Publishing (with NO associated encoders/decoders)

SPC\_CERT\_EXTENSIONS\_OBJID 1.3.6.1.4.1.311.2.1.14

SPC\_RAW\_FILE\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.18

SPC\_STRUCTURED\_STORAGE\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.19

SPC\_JAVA\_CLASS\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.20

SPC\_INDIVIDUAL\_SP\_KEY\_PURPOSE\_OBJID 1.3.6.1.4.1.311.2.1.21

SPC\_COMMERCIAL\_SP\_KEY\_PURPOSE\_OBJID 1.3.6.1.4.1.311.2.1.22

SPC\_CAB\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.25

SPC\_GLUE\_RDN\_OBJID 1.3.6.1.4.1.311.2.1.25

CTL for Software Publishers Trusted CAs 1.3.6.1.4.1.311.2.2

// (sub-subtree is defined for Software Publishing trusted CAs)

szOID\_TRUSTED\_CODESIGNING\_CA\_LIST 1.3.6.1.4.1.311.2.2.1

szOID\_TRUSTED\_CLIENT\_AUTH\_CA\_LIST 1.3.6.1.4.1.311.2.2.2

szOID\_TRUSTED\_SERVER\_AUTH\_CA\_LIST 1.3.6.1.4.1.311.2.2.3

Time Stamping...................................1.3.6.1.4.1.311.3

//(with Associated encoder/decoders)

SPC\_TIME\_STAMP\_REQUEST\_OBJID 1.3.6.1.4.1.311.3.2.1

Permissions.....................................1.3.6.1.4.1.311.4

Crypto 2.0......................................1.3.6.1.4.1.311.10

PKCS #7 ContentType Object Identifier for Certificate Trust List (CTL)

szOID\_CTL 1.3.6.1.4.1.311.10.1

Sorted CTL Extension

szOID\_SORTED\_CTL 1.3.6.1.4.1.311.10.1.1

Next Update Location extension or attribute. Value is an encoded GeneralNames

szOID\_NEXT\_UPDATE\_LOCATION 1.3.6.1.4.1.311.10.2

Enhanced Key Usage (Purpose)

Signer of CTLs

szOID\_KP\_CTL\_USAGE\_SIGNING 1.3.6.1.4.1.311.10.3.1

Signer of TimeStamps

szOID\_KP\_TIME\_STAMP\_SIGNING 1.3.6.1.4.1.311.10.3.2

Can use strong encryption in export environment

szOID\_SERVER\_GATED\_CRYPTO 1.3.6.1.4.1.311.10.3.3

szOID\_SERIALIZED 1.3.6.1.4.1.311.10.3.3.1

Can use encrypted file systems (EFS)

szOID\_EFS\_CRYPTO 1.3.6.1.4.1.311.10.3.4

szOID\_EFS\_RECOVERY 1.3.6.1.4.1.311.10.3.4.1

Can use Windows Hardware Compatible (WHQL)

szOID\_WHQL\_CRYPTO 1.3.6.1.4.1.311.10.3.5

Signed by the NT5 build lab

szOID\_NT5\_CRYPTO 1.3.6.1.4.1.311.10.3.6

Signed by and OEM of WHQL

szOID\_OEM\_WHQL\_CRYPTO 1.3.6.1.4.1.311.10.3.7

Signed by the Embedded NT

szOID\_EMBEDDED\_NT\_CRYPTO 1.3.6.1.4.1.311.10.3.8

Signer of a CTL containing trusted roots

szOID\_ROOT\_LIST\_SIGNER 1.3.6.1.4.1.311.10.3.9

Can sign cross-cert and subordinate CA requests with qualified

subordination (name constraints, policy mapping, etc.)

szOID\_KP\_QUALIFIED\_SUBORDINATION 1.3.6.1.4.1.311.10.3.10

Can be used to encrypt/recover escrowed keys

szOID\_KP\_KEY\_RECOVERY 1.3.6.1.4.1.311.10.3.11

Signer of documents

szOID\_KP\_DOCUMENT\_SIGNING 1.3.6.1.4.1.311.10.3.12

Microsoft Attribute Object Identifiers

szOID\_YESNO\_TRUST\_ATTR 1.3.6.1.4.1.311.10.4.1

Microsoft Music

szOID\_DRM 1.3.6.1.4.1.311.10.5.1

Microsoft DRM EKU

szOID\_DRM\_INDIVIDUALIZATION 1.3.6.1.4.1.311.10.5.2

Microsoft Licenses

szOID\_LICENSES 1.3.6.1.4.1.311.10.6.1

szOID\_LICENSE\_SERVER 1.3.6.1.4.1.311.10.6.2

Microsoft CERT\_RDN attribute Object Identifiers

szOID\_MICROSOFT\_RDN\_PREFIX 1.3.6.1.4.1.311.10.7

Special RDN containing the KEY\_ID. Its value type is CERT\_RDN\_OCTET\_STRING.

szOID\_KEYID\_RDN 1.3.6.1.4.1.311.10.7.1

Microsoft extension in a CTL to add or remove the certificates. The

extension type is an INTEGER. 0 =&amp;gt; add certificate, 1 =&amp;gt; remove certificate

szOID\_REMOVE\_CERTIFICATE 1.3.6.1.4.1.311.10.8.1

Microsoft certificate extension containing cross certificate distribution

points. ASN.1 encoded as follows:

CrossCertDistPoints ::= SEQUENCE {

syncDeltaTime INTEGER (0..4294967295) OPTIONAL,

crossCertDistPointNames CrossCertDistPointNames

} --#public--

CrossCertDistPointNames ::= SEQUENCE OF GeneralNames

szOID\_CROSS\_CERT\_DIST\_POINTS 1.3.6.1.4.1.311.10.9.1

Microsoft CMC OIDs 1.3.6.1.4.1.311.10.10

Similar to szOID\_CMC\_ADD\_EXTENSIONS. Attributes replaces Extensions.

szOID\_CMC\_ADD\_ATTRIBUTES 1.3.6.1.4.1.311.10.10.1

Microsoft certificate property OIDs 1.3.6.1.4.1.311.10.11

The OID component following the prefix contains the PROP\_ID (decimal)

szOID\_CERT\_PROP\_ID\_PREFIX 1.3.6.1.4.1.311.10.11.

CryptUI 1.3.6.1.4.1.311.10.12

szOID\_ANY\_APPLICATION\_POLICY 1.3.6.1.4.1.311.10.12.1

Catalog.........................................1.3.6.1.4.1.311.12

szOID\_CATALOG\_LIST 1.3.6.1.4.1.311.12.1.1

szOID\_CATALOG\_LIST\_MEMBER 1.3.6.1.4.1.311.12.1.2

CAT\_NAMEVALUE\_OBJID 1.3.6.1.4.1.311.12.2.1

CAT\_MEMBERINFO\_OBJID 1.3.6.1.4.1.311.12.2.2

Microsoft PKCS10 OIDs...........................1.3.6.1.4.1.311.13

szOID\_RENEWAL\_CERTIFICATE 1.3.6.1.4.1.311.13.1

szOID\_ENROLLMENT\_NAME\_VALUE\_PAIR 1.3.6.1.4.1.311.13.2.1

szOID\_ENROLLMENT\_CSP\_PROVIDER 1.3.6.1.4.1.311.13.2.2

Microsoft Java..................................1.3.6.1.4.1.311.15

Microsoft Outlook/Exchange......................1.3.6.1.4.1.311.16

Outlook Express 1.3.6.1.4.1.311.16.4

Used by OL/OLEXP to identify which certificate signed the PKCS # 7 message

Microsoft PKCS12 attributes.....................1.3.6.1.4.1.311.17

szOID\_LOCAL\_MACHINE\_KEYSET 1.3.6.1.4.1.311.17.1

Microsoft Hydra.................................1.3.6.1.4.1.311.18

Microsoft ISPU Test.............................1.3.6.1.4.1.311.19

Microsoft Enrollment Infrastructure..............1.3.6.1.4.1.311.20

szOID\_AUTO\_ENROLL\_CTL\_USAGE 1.3.6.1.4.1.311.20.1

Extension contain certificate type

szOID\_ENROLL\_CERTTYPE\_EXTENSION 1.3.6.1.4.1.311.20.2

szOID\_ENROLLMENT\_AGENT 1.3.6.1.4.1.311.20.2.1

szOID\_KP\_SMARTCARD\_LOGON 1.3.6.1.4.1.311.20.2.2

szOID\_NT\_PRINCIPAL\_NAME 1.3.6.1.4.1.311.20.2.3

szOID\_CERT\_MANIFOLD 1.3.6.1.4.1.311.20.3

Microsoft CertSrv Infrastructure.................1.3.6.1.4.1.311.21

CertSrv (with associated encoders/decoders)

szOID\_CERTSRV\_CA\_VERSION 1.3.6.1.4.1.311.21.1

Microsoft Directory Service.....................1.3.6.1.4.1.311.25

szOID\_NTDS\_REPLICATION 1.3.6.1.4.1.311.25.1

IIS.............................................1.3.6.1.4.1.311.30

Windows updates and service packs...............1.3.6.1.4.1.311.31

szOID\_PRODUCT\_UPDATE 1.3.6.1.4.1.311.31.1

Fonts...........................................1.3.6.1.4.1.311.40

Microsoft Licensing and Registration............1.3.6.1.4.1.311.41

Microsoft Corporate PKI (ITG)...................1.3.6.1.4.1.311.42

CAPICOM.........................................1.3.6.1.4.1.311.88

szOID\_CAPICOM 1.3.6.1.4.1.311.88 Reserved for CAPICOM.

szOID\_CAPICOM\_VERSION 1.3.6.1.4.1.311.88.1 CAPICOM version

szOID\_CAPICOM\_ATTRIBUTE 1.3.6.1.4.1.311.88.2 CAPICOM attribute

szOID\_CAPICOM\_DOCUMENT\_NAME 1.3.6.1.4.1.311.88.2.1 Document type attribute

szOID\_CAPICOM\_DOCUMENT\_DESCRIPTION 1.3.6.1.4.1.311.88.2.2 Document description attribute

szOID\_CAPICOM\_ENCRYPTED\_DATA 1.3.6.1.4.1.311.88.3 CAPICOM encrypted data message.

szOID\_CAPICOM\_ENCRYPTED\_CONTENT 1.3.6.1.4.1.311.88.3.1 CAPICOM content of encrypted data.

Microsoft OID...................................1.3.6.1.4.1.311

Authenticode....................................1.3.6.1.4.1.311.2

Software Publishing (with associated encoders/decoders)

SPC\_INDIRECT\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.4

SPC\_STATEMENT\_TYPE\_OBJID 1.3.6.1.4.1.311.2.1.11

SPC\_SP\_OPUS\_INFO\_OBJID 1.3.6.1.4.1.311.2.1.12

SPC\_PE\_IMAGE\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.15

SPC\_SP\_AGENCY\_INFO\_OBJID 1.3.6.1.4.1.311.2.1.10

SPC\_MINIMAL\_CRITERIA\_OBJID 1.3.6.1.4.1.311.2.1.26

SPC\_FINANCIAL\_CRITERIA\_OBJID 1.3.6.1.4.1.311.2.1.27

SPC\_LINK\_OBJID 1.3.6.1.4.1.311.2.1.28

SPC\_HASH\_INFO\_OBJID 1.3.6.1.4.1.311.2.1.29

SPC\_SIPINFO\_OBJID 1.3.6.1.4.1.311.2.1.30

Software Publishing (with NO associated encoders/decoders)

SPC\_CERT\_EXTENSIONS\_OBJID 1.3.6.1.4.1.311.2.1.14

SPC\_RAW\_FILE\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.18

SPC\_STRUCTURED\_STORAGE\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.19

SPC\_JAVA\_CLASS\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.20

SPC\_INDIVIDUAL\_SP\_KEY\_PURPOSE\_OBJID 1.3.6.1.4.1.311.2.1.21

SPC\_COMMERCIAL\_SP\_KEY\_PURPOSE\_OBJID 1.3.6.1.4.1.311.2.1.22

SPC\_CAB\_DATA\_OBJID 1.3.6.1.4.1.311.2.1.25

SPC\_GLUE\_RDN\_OBJID 1.3.6.1.4.1.311.2.1.25

CTL for Software Publishers Trusted CAs 1.3.6.1.4.1.311.2.2

(sub-subtree is defined for Software Publishing trusted CAs)

szOID\_TRUSTED\_CODESIGNING\_CA\_LIST 1.3.6.1.4.1.311.2.2.1

szOID\_TRUSTED\_CLIENT\_AUTH\_CA\_LIST 1.3.6.1.4.1.311.2.2.2

szOID\_TRUSTED\_SERVER\_AUTH\_CA\_LIST 1.3.6.1.4.1.311.2.2.3

Time Stamping...................................1.3.6.1.4.1.311.3

(with Associated encoder/decoders)

SPC\_TIME\_STAMP\_REQUEST\_OBJID 1.3.6.1.4.1.311.3.2.1

Permissions.....................................1.3.6.1.4.1.311.4

Crypto 2.0......................................1.3.6.1.4.1.311.10

PKCS #7 ContentType Object Identifier for Certificate Trust List (CTL)

szOID\_CTL 1.3.6.1.4.1.311.10.1

Sorted CTL Extension

szOID\_SORTED\_CTL 1.3.6.1.4.1.311.10.1.1

Next Update Location extension or attribute. Value is an encoded GeneralNames

szOID\_NEXT\_UPDATE\_LOCATION 1.3.6.1.4.1.311.10.2

Enhanced Key Usage (Purpose)

Signer of CTLs

szOID\_KP\_CTL\_USAGE\_SIGNING 1.3.6.1.4.1.311.10.3.1

Signer of TimeStamps

szOID\_KP\_TIME\_STAMP\_SIGNING 1.3.6.1.4.1.311.10.3.2

Can use strong encryption in export environment

szOID\_SERVER\_GATED\_CRYPTO 1.3.6.1.4.1.311.10.3.3

szOID\_SERIALIZED 1.3.6.1.4.1.311.10.3.3.1

Can use encrypted file systems (EFS)

szOID\_EFS\_CRYPTO 1.3.6.1.4.1.311.10.3.4

szOID\_EFS\_RECOVERY 1.3.6.1.4.1.311.10.3.4.1

Can use Windows Hardware Compatible (WHQL)

szOID\_WHQL\_CRYPTO 1.3.6.1.4.1.311.10.3.5

Signed by the NT5 build lab

szOID\_NT5\_CRYPTO 1.3.6.1.4.1.311.10.3.6

Signed by and OEM of WHQL

szOID\_OEM\_WHQL\_CRYPTO 1.3.6.1.4.1.311.10.3.7

Signed by the Embedded NT

szOID\_EMBEDDED\_NT\_CRYPTO 1.3.6.1.4.1.311.10.3.8

Signer of a CTL containing trusted roots

szOID\_ROOT\_LIST\_SIGNER 1.3.6.1.4.1.311.10.3.9

Can sign cross-cert and subordinate CA requests with qualified

subordination (name constraints, policy mapping, etc.)

szOID\_KP\_QUALIFIED\_SUBORDINATION 1.3.6.1.4.1.311.10.3.10

Can be used to encrypt/recover escrowed keys

szOID\_KP\_KEY\_RECOVERY 1.3.6.1.4.1.311.10.3.11

Signer of documents

szOID\_KP\_DOCUMENT\_SIGNING 1.3.6.1.4.1.311.10.3.12

Limits the valid lifetime of the signature to the lifetime of the certificate.

szOID\_KP\_LIFETIME\_SIGNING 1.3.6.1.4.1.311.10.3.13

szOID\_KP\_MOBILE\_DEVICE\_SOFTWARE 1.3.6.1.4.1.311.10.3.14

Microsoft Attribute Object Identifiers

szOID\_YESNO\_TRUST\_ATTR 1.3.6.1.4.1.311.10.4.1

Microsoft Music

szOID\_DRM 1.3.6.1.4.1.311.10.5.1

Microsoft DRM EKU

szOID\_DRM\_INDIVIDUALIZATION 1.3.6.1.4.1.311.10.5.2

Microsoft Licenses

szOID\_LICENSES 1.3.6.1.4.1.311.10.6.1

szOID\_LICENSE\_SERVER 1.3.6.1.4.1.311.10.6.2

Microsoft CERT\_RDN attribute Object Identifiers

szOID\_MICROSOFT\_RDN\_PREFIX 1.3.6.1.4.1.311.10.7

Special RDN containing the KEY\_ID. Its value type is CERT\_RDN\_OCTET\_STRING.

szOID\_KEYID\_RDN 1.3.6.1.4.1.311.10.7.1

Microsoft extension in a CTL to add or remove the certificates. The

extension type is an INTEGER. 0 => add certificate, 1 => remove certificate

szOID\_REMOVE\_CERTIFICATE 1.3.6.1.4.1.311.10.8.1

Microsoft certificate extension containing cross certificate distribution

points. ASN.1 encoded as follows:

CrossCertDistPoints ::= SEQUENCE {

syncDeltaTime INTEGER (0..4294967295) OPTIONAL,

crossCertDistPointNames CrossCertDistPointNames

} --#public--

CrossCertDistPointNames ::= SEQUENCE OF GeneralNames

szOID\_CROSS\_CERT\_DIST\_POINTS 1.3.6.1.4.1.311.10.9.1

Microsoft CMC OIDs 1.3.6.1.4.1.311.10.10

Similar to szOID\_CMC\_ADD\_EXTENSIONS. Attributes replaces Extensions.

szOID\_CMC\_ADD\_ATTRIBUTES 1.3.6.1.4.1.311.10.10.1

Microsoft certificate property OIDs 1.3.6.1.4.1.311.10.11

The OID component following the prefix contains the PROP\_ID (decimal)

szOID\_CERT\_PROP\_ID\_PREFIX 1.3.6.1.4.1.311.10.11.

CryptUI 1.3.6.1.4.1.311.10.12

szOID\_ANY\_APPLICATION\_POLICY 1.3.6.1.4.1.311.10.12.1

Catalog.........................................1.3.6.1.4.1.311.12

szOID\_CATALOG\_LIST 1.3.6.1.4.1.311.12.1.1

szOID\_CATALOG\_LIST\_MEMBER 1.3.6.1.4.1.311.12.1.2

CAT\_NAMEVALUE\_OBJID 1.3.6.1.4.1.311.12.2.1

CAT\_MEMBERINFO\_OBJID 1.3.6.1.4.1.311.12.2.2

Microsoft PKCS10 OIDs...........................1.3.6.1.4.1.311.13

szOID\_RENEWAL\_CERTIFICATE 1.3.6.1.4.1.311.13.1

szOID\_ENROLLMENT\_NAME\_VALUE\_PAIR 1.3.6.1.4.1.311.13.2.1

szOID\_ENROLLMENT\_CSP\_PROVIDER 1.3.6.1.4.1.311.13.2.2

szOID\_OS\_VERSION 1.3.6.1.4.1.311.13.2.3

Microsoft Java..................................1.3.6.1.4.1.311.15

Microsoft Outlook/Exchange......................1.3.6.1.4.1.311.16

Used by OL/OLEXP to identify which certificate signed the PKCS # 7 message

szOID\_MICROSOFT\_Encryption\_Key\_Preference 1.3.6.1.4.1.311.16.4

Microsoft PKCS12 attributes.....................1.3.6.1.4.1.311.17

szOID\_LOCAL\_MACHINE\_KEYSET 1.3.6.1.4.1.311.17.1

Microsoft Hydra.................................1.3.6.1.4.1.311.18

License Info root

szOID\_PKIX\_LICENSE\_INFO 1.3.6.1.4.1.311.18.1

Manufacturer value

szOID\_PKIX\_MANUFACTURER 1.3.6.1.4.1.311.18.2

Manufacturer Specfic Data

szOID\_PKIX\_MANUFACTURER\_MS\_SPECIFIC 1.3.6.1.4.1.311.18.3

OID for Certificate Version Stamp

szOID\_PKIX\_HYDRA\_CERT\_VERSION 1.3.6.1.4.1.311.18.4

OID for License Server to identify licensed product.

szOID\_PKIX\_LICENSED\_PRODUCT\_INFO 1.3.6.1.4.1.311.18.5

OID for License Server specific info.

szOID\_PKIX\_MS\_LICENSE\_SERVER\_INFO 1.3.6.1.4.1.311.18.6

Extension OID reserved for product policy module - only one is allowed.

szOID\_PKIS\_PRODUCT\_SPECIFIC\_OID 1.3.6.1.4.1.311.18.7

szOID\_PKIS\_TLSERVER\_SPK\_OID 1.3.6.1.4.1.311.18.8

Microsoft ISPU Test.............................1.3.6.1.4.1.311.19

Microsoft Enrollment Infrastructure.............1.3.6.1.4.1.311.20

szOID\_AUTO\_ENROLL\_CTL\_USAGE 1.3.6.1.4.1.311.20.1

Extension contain certificate type

szOID\_ENROLL\_CERTTYPE\_EXTENSION 1.3.6.1.4.1.311.20.2

szOID\_ENROLLMENT\_AGENT 1.3.6.1.4.1.311.20.2.1

szOID\_KP\_SMARTCARD\_LOGON 1.3.6.1.4.1.311.20.2.2

szOID\_NT\_PRINCIPAL\_NAME 1.3.6.1.4.1.311.20.2.3

szOID\_CERT\_MANIFOLD 1.3.6.1.4.1.311.20.3

Microsoft CertSrv Infrastructure................1.3.6.1.4.1.311.21

CertSrv (with associated encoders/decoders)

szOID\_CERTSRV\_CA\_VERSION 1.3.6.1.4.1.311.21.1

Contains the sha1 hash of the previous version of the CA certificate.

szOID\_CERTSRV\_PREVIOUS\_CERT\_HASH 1.3.6.1.4.1.311.21.2

Delta CRLs only. Contains the base CRL Number of the corresponding base CRL.

szOID\_CRL\_VIRTUAL\_BASE 1.3.6.1.4.1.311.21.3

Contains the time when the next CRL is expected to be published. This may be sooner than the CRL's NextUpdate field.

szOID\_CRL\_NEXT\_PUBLISH 1.3.6.1.4.1.311.21.4

Enhanced Key Usage for CA encryption certificate

szOID\_KP\_CA\_EXCHANGE 1.3.6.1.4.1.311.21.5

Enhanced Key Usage for key recovery agent certificate

szOID\_KP\_KEY\_RECOVERY\_AGENT 1.3.6.1.4.1.311.21.6

Certificate template extension (v2)

szOID\_CERTIFICATE\_TEMPLATE 1.3.6.1.4.1.311.21.7

The root oid for all enterprise specific oids

szOID\_ENTERPRISE\_OID\_ROOT 1.3.6.1.4.1.311.21.8

Dummy signing Subject RDN

szOID\_RDN\_DUMMY\_SIGNER 1.3.6.1.4.1.311.21.9

Application Policies extension -- same encoding as szOID\_CERT\_POLICIES

szOID\_APPLICATION\_CERT\_POLICIES 1.3.6.1.4.1.311.21.10

Application Policy Mappings -- same encoding as szOID\_POLICY\_MAPPINGS

szOID\_APPLICATION\_POLICY\_MAPPINGS 1.3.6.1.4.1.311.21.11

Application Policy Constraints -- same encoding as szOID\_POLICY\_CONSTRAINTS

szOID\_APPLICATION\_POLICY\_CONSTRAINTS 1.3.6.1.4.1.311.21.12

szOID\_ARCHIVED\_KEY\_ATTR 1.3.6.1.4.1.311.21.13

szOID\_CRL\_SELF\_CDP 1.3.6.1.4.1.311.21.14

Requires all certificates below the root to have a non-empty intersecting issuance certificate policy usage.

szOID\_REQUIRE\_CERT\_CHAIN\_POLICY 1.3.6.1.4.1.311.21.15

szOID\_ARCHIVED\_KEY\_CERT\_HASH 1.3.6.1.4.1.311.21.16

szOID\_ISSUED\_CERT\_HASH 1.3.6.1.4.1.311.21.17

Enhanced key usage for DS email replication

szOID\_DS\_EMAIL\_REPLICATION 1.3.6.1.4.1.311.21.19

szOID\_REQUEST\_CLIENT\_INFO 1.3.6.1.4.1.311.21.20

szOID\_ENCRYPTED\_KEY\_HASH 1.3.6.1.4.1.311.21.21

szOID\_CERTSRV\_CROSSCA\_VERSION 1.3.6.1.4.1.311.21.22

Microsoft Directory Service.....................1.3.6.1.4.1.311.25

szOID\_NTDS\_REPLICATION 1.3.6.1.4.1.311.25.1

IIS.............................................1.3.6.1.4.1.311.30

szOID\_IIS\_VIRTUAL\_SERVER 1.3.6.1.4.1.311.30.1

Microsoft WWOps BizExt..........................1.3.6.1.4.1.311.43

Microsoft Peer Networking.......................1.3.6.1.4.1.311.44

Subtrees for genaral use including pnrp, IM, and grouping

szOID\_PEERNET\_GENERAL

szOID\_PEERNET\_PNRP 1.3.6.1.4.1.311.44.1

szOID\_PEERNET\_IDENTITY 1.3.6.1.4.1.311.44.2

szOID\_PEERNET\_GROUPING 1.3.6.1.4.1.311.44.3

Property that contains the type of the certificate (GMC, GRC, etc.)

szOID\_PEERNET\_CERT\_TYPE 1.3.6.1.4.1.311.44.0.1

Type of the value in the 'other' name: peer name

szOID\_PEERNET\_PEERNAME 1.3.6.1.4.1.311.44.0.2

Type : classifier

szOID\_PEERNET\_CLASSIFIER 1.3.6.1.4.1.311.44.0.3

Property containing the version of the certificate

szOID\_PEERNET\_CERT\_VERSION 1.3.6.1.4.1.311.44.0.4

PNRP specific properties

szOID\_PEERNET\_PNRP\_ADDRESS 1.3.6.1.4.1.311.44.1.1

szOID\_PEERNET\_PNRP\_FLAGS 1.3.6.1.4.1.311.44.1.2

szOID\_PEERNET\_PNRP\_PAYLOAD 1.3.6.1.4.1.311.44.1.3

szOID\_PEERNET\_PNRP\_ID 1.3.6.1.4.1.311.44.1.4

Identity flags, placeholder

szOID\_PEERNET\_IDENTITY\_FLAGS 1.3.6.1.4.1.311.44.2.2

Peer name of the group

szOID\_PEERNET\_GROUPING\_PEERNAME 1.3.6.1.4.1.311.44.3.1

Group flags: placeholder

szOID\_PEERNET\_GROUPING\_FLAGS 1.3.6.1.4.1.311.44.3.2

List of roles in the GMC

szOID\_PEERNET\_GROUPING\_ROLES 1.3.6.1.4.1.311.44.3.3

List of classifiers in the GMC

szOID\_PEERNET\_GROUPING\_CLASSIFIERS 1.3.6.1.4.1.311.44.3.5

Mobile Devices Code Signing.....................1.3.6.1.4.1.311.45

CAPICOM.........................................1.3.6.1.4.1.311.88

Reserved for CAPICOM.

szOID\_CAPICOM 1.3.6.1.4.1.311.88

CAPICOM version

szOID\_CAPICOM\_VERSION 1.3.6.1.4.1.311.88.1

CAPICOM attribute

szOID\_CAPICOM\_ATTRIBUTE 1.3.6.1.4.1.311.88.2

Document type attribute

szOID\_CAPICOM\_DOCUMENT\_NAME 1.3.6.1.4.1.311.88.2.1

Document description attribute

szOID\_CAPICOM\_DOCUMENT\_DESCRIPTION 1.3.6.1.4.1.311.88.2.2

CAPICOM encrypted data message.

szOID\_CAPICOM\_ENCRYPTED\_DATA 1.3.6.1.4.1.311.88.3

CAPICOM content of encrypted data.

szOID\_CAPICOM\_ENCRYPTED\_CONTENT 1.3.6.1.4.1.311.88.3.1

}