
rfc2985

PKCS#9 : Définition des attributs et classes d'objets

objectClass

pkcsEntity general-purpose auxiliary obj for PKCS-related entities
(1.2.840.113549.1.9.24.1 NAME 'pkcsEntity' SUP top AUXILIARY MAY (pKCS7PDU & userPKCS12 & pKCS15Token & encryptedPrivateKeyInfo))
naturalPerson general-purpose auxiliary obj about human beings
(1.2.840.113549.1.9.24.2 NAME 'naturalPerson' SUP top AUXILIARY MAY (emailAddress \$ unstructuredName \$ unstructuredAddress \$ dateOfBirth & placeOfBirth & gender & countryOfCitizenship & countryOfResidence & pseudonym & serialNumber))

Attributes

pKCS7PDU
(1.2.840.113549.1.9.25.5 NAME 'pKCS7PDU' DESC 'PKCS #7 ContentInfo PDU' SYNTAX 1.3.6.1.4.1.1466.115.121.1.5)
userPKCS12
(2.16.840.1.113730.3.1.216 NAME 'userPKCS12' DESC 'PKCS #12 PFX PDU for exchange of personal information' SYNTAX 1.3.6.1.4.1.1466.115.121.1.5)
pKCS15Token
(1.2.840.113549.1.9.25.1 NAME 'pKCS15Token' DESC 'PKCS #15 token PDU' SYNTAX 1.3.6.1.4.1.1466.115.121.1.5)
encryptedPrivateKeyInfo
(1.2.840.113549.1.9.25.2 NAME 'encryptedPrivateKeyInfo' DESC 'PKCS #8 encrypted private key info' SYNTAX 1.3.6.1.4.1.1466.115.121.1.5)
emailAddress
(1.2.840.113549.1.9.1 NAME 'emailAddress' DESC 'Email address' EQUALITY pkcs9CaseIgnoreMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.26)
unstructuredName
(1.2.840.113549.1.9.2 NAME 'unstructuredName' DESC 'PKCS #9 unstructured name' EQUALITY pkcs9CaseIgnoreMatch SYNTAX 1.2.840.113549.1.9.26.1)
unstructuredAddress
(1.2.840.113549.1.9.8 NAME 'unstructuredAddress' DESC 'PKCS #9 unstructured address' EQUALITY caseIgnoreMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.15)
dateOfBirth
(1.3.6.1.5.5.7.9.1 NAME 'dateOfBirth' DESC 'Date of birth' EQUALITY generalizedTimeMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.24 SINGLE-VALUE)
placeOfBirth
(1.3.6.1.5.5.7.9.2 NAME 'placeOfBirth' DESC 'Place of birth' EQUALITY caseExactMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.15 SINGLE-VALUE)
gender
(1.3.6.1.5.5.7.9.3 NAME 'gender' DESC 'Gender' EQUALITY caseIgnoreMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.44 SINGLE-VALUE)
countryOfCitizenship
(1.3.6.1.5.5.7.9.4 NAME 'countryOfCitizenship' DESC 'Country of citizenship' EQUALITY caseIgnoreMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.44)
countryOfResidence
(1.3.6.1.5.5.7.9.5 NAME 'countryOfResidence' DESC 'Country of residence' EQUALITY caseIgnoreMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.44)

pseudonym
(2.5.4.65 NAME 'pseudonym' DESC 'Pseudonym' EQUALITY caseExactMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.15)

contentType
(1.2.840.113549.1.9.3 NAME 'contentType' DESC 'PKCS #7 content type attribute' EQUALITY objectIdentifierMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.38 SINGLE-VALUE)

messageDigest
(1.2.840.113549.1.9.4 NAME 'messageDigest' DESC 'PKCS #7 mesage digest attribute' EQUALITY octetStringMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.5 SINGLE-VALUE)

signingTime
(1.2.840.113549.1.9.5 NAME 'signingTime' DESC 'PKCS #7 signing time' EQUALITY signingTimeMatch SYNTAX 1.2.840.113549.1.9.26.2 SINGLE-VALUE)

counterSignature
(1.2.840.113549.1.9.6 NAME 'counterSignature' DESC 'PKCS #7 countersignature' SYNTAX 1.3.6.1.4.1.1466.115.121.1.5)

challengePassword
(1.2.840.113549.1.9.7 NAME 'challengePassword' DESC 'Challenge password for certificate revocations' EQUALITY caseExactMatch SYNTAX 1.3.6.1.4.1.1466.115.121.1.15 SINGLE-VALUE)

Matching Rules

pkcs9CaseIgnoreMatch
(1.2.840.113549.1.9.27.1 NAME 'pkcs9CaseIgnoreMatch' SYNTAX 1.2.840.113549.1.9.26.1)

signingTimeMatch
(1.2.840.113549.1.9.27.3 NAME 'signingTimeMatch' SYNTAX 1.2.840.113549.1.9.26.2)