Object Identifiers for Test Certificate Policies

Abstract

This document provides several certificate policy identifiers for testing certificate handling software.

Status of This Memo

This document is not an Internet Standards Track specification; it is published for informational purposes.

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1. Introduction

This document provides several certificate policy identifiers for testing certificate handling software. These certificate policy identifiers are not intended for use in the public Internet.

The certificate policy identifiers provided in this document are consistent with the certificate profile specified in [RFC5280]. They are appropriate for testing the certificate policy processing, especially the handling of the certificate policy extension, the policy constraints extension, and the policy mapping extension.


The following certificate policy identifiers are provided for testing certificate handling software. ASN.1 [ASN1-2008] object identifiers are used to name certificate policies.

```plaintext
id-pkix OBJECT IDENTIFIER ::= { iso(1) identified-organization(3)
                   dod(6) internet(1) security(5) mechanisms(5) pkix(7) }

id-TEST OBJECT IDENTIFIER ::= { id-pkix 13 }

-- Object Identifiers used ONLY for TESTING
id-TEST-certPolicyOne OBJECT IDENTIFIER ::= { id-TEST 1 }
id-TEST-certPolicyTwo OBJECT IDENTIFIER ::= { id-TEST 2 }
id-TEST-certPolicyThree OBJECT IDENTIFIER ::= { id-TEST 3 }
id-TEST-certPolicyFour OBJECT IDENTIFIER ::= { id-TEST 4 }
id-TEST-certPolicyFive OBJECT IDENTIFIER ::= { id-TEST 5 }
id-TEST-certPolicySix OBJECT IDENTIFIER ::= { id-TEST 6 }
id-TEST-certPolicySeven OBJECT IDENTIFIER ::= { id-TEST 7 }
id-TEST-certPolicyEight OBJECT IDENTIFIER ::= { id-TEST 8 }
```

3. Security Considerations

This specification does not identify particular certificate policies for use in the Internet public key infrastructure. The actual policies used for production certificates can have a significant impact on the confidence that one can place in the certificate. No confidence should be placed in any certificate that makes use of these certificate policy identifiers, since they are intended only for testing.

4. IANA Considerations

The object identifiers used in this document are defined in an arc delegated by IANA to the PKIX Working Group. No further action by IANA is necessary for this document or any anticipated updates.
5. Normative References


Appendix A. ASN.1 Module

This appendix provides the certificate policy identifiers (object identifiers) in an ASN.1 module. No fancy structures are needed, so this module is compatible with [ASN1-2008].

PKIXTestCertPolicies { iso(1) identified-organization(3) dod(6) internet(1) security(5) mechanisms(5) pkix(7) id-mod(0) id-mod-TEST-certPolicies(83) }

DEFINITIONS IMPLICIT TAGS ::= 

BEGIN

-- EXPORTS ALL --
-- IMPORTS NONE --

id-pkix OBJECT IDENTIFIER ::= { iso(1) identified-organization(3) dod(6) internet(1) security(5) mechanisms(5) pkix(7) }

id-TEST OBJECT IDENTIFIER ::= { id-pkix 13 }

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id-TEST-certPolicySix OBJECT IDENTIFIER ::= { id-TEST 6 }
id-TEST-certPolicySeven OBJECT IDENTIFIER ::= { id-TEST 7 }
id-TEST-certPolicyEight OBJECT IDENTIFIER ::= { id-TEST 8 }

END

Author’s Address

Russell Housley
Vigil Security, LLC
918 Spring Knoll Drive
Herndon, VA  20170
USA

EMail: housley@vigilsec.com