



Transportation Security Administration

NOTE: This Technical Advisory describes a matter which may impact your product.

TWIC Technical Advisory TA-2012-TWIC003-V1.0

NEW CONTENT SIGNING CERTIFICATE FOR TWIC CARDS

Introduction

This Technical Advisory details a change in the TWIC card to provide a new Content Signing certificate (located in the signed CHUID of the TWIC application and the PIV Application).

Background and Definition

This Technical Advisory was precipitated by an administrative need to provide a new Content Signing certificate before the current Content Signing certificate expires.

Problem Statement

The current Content Signing certificate, located in the signed CHUID, will expire on 24 SEP 2012. All data objects signed by the TWIC Certificate Authority (CA) would fail to validate after this date due to the expiration of the key pair.

Description of New or Unique Process

This advisory provides notice a new Content Signing certificate was created and deployed in early June of 2012.

The serial number of this new Content Signing certificate is "00 B7 E7 73 F6 DA 9D 12 A3 9D D3 26 E2 67 75 78 66".

The validity period for this new Content Signing certificate is from 01 JUN 2012 until 31 DEC 2019.

There is a new public / private key pair for this new Content Signing certificate.

A new non-critical extension entitled the Private Key Usage Period has been added to this new Content Signing certificate and shall be ignored.

Use of New or Unique Process

TWIC readers or other entities shall use the TWIC card resident Content Signing certificate to validate data object signatures. TWIC readers or other entities that cache the Content Signing certificate will need to add this new Content Signing certificate.

Design Features of New or Unique Process

What is unique is a new Content Signing certificate used to validate the signed data objects on a TWIC card.

Comments

Questions on this Technical Advisory should be addressed to the TSA TWIC PMO TWIC Reader Hardware and Card Application Specification Project Editor, Gerald.Smith@associates.dhs.gov.

Subject References

TWIC Reader Hardware and Card Application Specification, Version 1.1 Amendment 1, 30 May 2008.

Keywords

TWIC
Certificate Authority
Validity Period
Certificate Serial Number

Standard Details

Refer to Section 2 *References* in the Subject Reference document.

Specifications or Special Provision

TWIC Reader Hardware and Card Application Specification, Version 1.1 Amendment 1, 30 May 2008.

Supersedes Dates

There is no previous Technical Advisory issued that addresses this unique change.

