

Federal Bridge CA Certificate Policy Change Proposal

Change Serial Number: 2001-03

Title: Remove formal software development methodology requirements

Date: 31 May 2001

Version and Date of Certificate Policy Requested to be changed:

X.509 Certificate Policy For The Federal Bridge Certification Authority (FBCA) Version 1.1.5

Change Advocate Contact Information:

Name: Mike Jenkins

Organization: DoD

Telephone number:

E-mail address: mjenki@missi.ncsc.mil

Organization requesting change: CPWG

Change summary: Make FIPS 112 refer only to passwords.

Background:

The CP currently requires several formal software development methodologies. While COTS CA products are usually developed using a defined process, there is no commonly accepted standard for formal software development. In particular, the Entrust CA was developed using a defined process, but was not developed using a TSDM, CMM, or MIL-STD-498 methodology. Since there are no competing products that were so developed, it is recommended to remove this requirement.

Specific Changes:

Existing text:

6.5.1 Specific computer security technical requirements

The following computer security functions may be provided by the operating system, or through a combination of operating system, software, and physical safeguards. The FBCA and its ancillary parts shall include the following functionality:

[Fourteen bulleted items, the fourth of which is]

- Require applications to be developed to Trusted Software Development Methodology (TSDM) Level 2

6.6.1 System Development Controls

The System Development Controls for the FBCA are as follows:

[Seven bulleted items, the first of which is]

- The FBCA and/or Agency CA shall use software that has been designed and developed under a development methodology such as MIL-STD-498 or the System Security Engineering Capability Maturity Model (SSE CMM).

Proposed revised text:

Delete the fourth bulleted item from Section 6.5.1 and the first bulleted item from Section 6.6.1.

Estimated Cost:

There is no financial cost associated with implementing this change.

Implementation Date:

This change will be implemented immediately.

Prerequisites for Adoption:

There are no prerequisites.

Plan to Meet Prerequisites:

There are no prerequisites.

Approval and Coordination Dates:

Date presented to CPWG: 31 May 2001

Date CPMWG recommended approval: 31 May 2001

Date Presented to FPKI PA:

Date of approval by FPKI PA: