



Federal Bridge CA Certificate Policy Change Proposal
Change Number: 2003-03

To: Federal PKI Policy Authority
From: FPKIPA Certificate Policy Working Group
Subject: Proposed modifications to the FBCA Certificate Policy
Date: 20 August 2003
Title: FBCA Event Logging

Version and Date of Certificate Policy Requested to be changed:

X.509 Certificate Policy For The Federal Bridge Certification Authority (FBCA), dated 10 September 2002.

Change Advocates Contact Information:

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Organization requesting change: Federal PKI Policy Authority – Certificate Policy Working Group

Change summary: The FPKIPA CPWG proposes clarifying the requirements stated in Section 4.5 qualifications with respect to messages requesting action by the CA. In addition, this change proposal removes references to the MOA for Test Assurance level and the CIMC Protection Profile.

Background: The FBCA CPWG meeting with the ACES Program Manager, Steve Duncan, on 30 May 2003 that discussed the Generic and Medium policy mapping requirements of the ACES certificate policy to the FBCA CP. This proposed language eliminates a restriction placed on Entity CAs that is unenforceable by the FPKIPA or FBCA OA.

The following text in red, underlined, italics are used to depict specific changes.

Specific Changes:

Specific changes are made to FBCA Section 4.5.1

Detailed audit requirements are listed in the table below. All security auditing capabilities of the FBCA or Entity CA operating system and PKI CA applications required by this CP shall be enabled. As a result, most of the events identified in the table shall be automatically recorded.

A message from any source received by the FBCA or Entity CA requesting an action related to the operational state of the CA is an auditable event. At a minimum, each audit record shall include the following (either recorded automatically or manually for each auditable event):

- The type of event
- The date and time the event occurred.
- A success or failure indicator when executing the FBCA or Entity CA's signing process.
- A success or failure indicator when performing certificate revocation.
- The identity of the entity and/or operator (of the FBCA or Entity CA) that caused the event.

Estimated Cost:

The cost of this change to the FBCA CP is nominal, as cost is associated with the editing, publishing and distribution of the new certificate policy. There is no cost associated with operations or maintenance of the FBCA for this change.

Implementation Date:

This change will be implemented immediately upon approval by the FPKIPA and incorporation into the FBCA CP.

Prerequisites for Adoption:

There are no prerequisites.

Plan to Meet Prerequisites:

There are no prerequisites.

Approval and Coordination Dates:

Date presented to CPWG: September 03, 2003

Date CPWG recommended approval: September 03, 2003

Date Presented to FPKI PA: September 9, 2003

Date of approval by FPKI PA: September 9, 2003