



FBCA Certificate Policy Change Proposal Number: 2015-01

To: Federal PKI Policy Authority (FPKIPA)
From: PKI Certificate Policy Working Group (CPWG)
Subject: Proposed modifications to the FBCA Certificate Policy
Date: 20 October 2015

Title: Clarifying Assertion of Policies for Devices

Version and Date of Certificate Policy Requested to be changed: X.509 Certificate Policy for the Federal Bridge Certification Authority (FBCA) Version 2.27, December 2, 2013

Change Advocate's Contact Information:

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Organization requesting change: FPKI Certificate Policy Working Group

Change summary: Clarifying Assertion of Policies for Devices

Background:

Currently, the FBCA CP has policies for Non-Person Entities (NPE) (e.g., Medium Device and Medium Device HW, but the CP still allows non-device policies to be asserted in certificates assigned to NPEs. This change proposal sets a deadline by which all certificates issued to NPEs, must only assert device policies. This change will help Relying Parties determine whether a certificate belongs to a human or an NPE.

Specific Proposals

1.2 DOCUMENT IDENTIFICATION

The requirements associated with the mediumDevice policy are identical to those defined for the Medium Assurance policy with the exception of identity proofing, re-key, and activation data. The requirements associated with the mediumDeviceHardware policy are identical to those defined for the Medium Hardware Assurance policy with the exception of identity proofing, re-key, and activation data. In this document, the term "device" is defined as a non-person entity (NPE), i.e., a hardware device or software application. The

use of the mediumDevice and mediumDeviceHardware policies are restricted to devices and systems. ~~However, this does not restrict certificates issued to non-person entities from asserting one or more other policies if all requirements for those policies are met.~~

End-Entity certificates issued to devices after October 1, 2016 shall assert policies mapped to FBCA Medium Device, Medium Device Hardware, or PIV-I Content Signing policies. All other policies defined in this document should be reserved for human subscribers when used in End-Entity certificates.

Estimated Cost:

There is a cost expected to implement this change.

Implementation Date:

This change will be effective immediately upon approval by the FPKIPA and incorporation into the FBCA Certificate Policy after the full review currently underway.

Prerequisites for Adoption:

CAs may need to add device OIDs to their policies to meet this requirement. CAs may map their device policies to the FBCA device policies and obtain a new cross-certificate from the FBCA.

Plan to Meet Prerequisites:

N/A.

Approval and Coordination Dates:

Date presented to CPWG:	18 October and 5 November 2015
Date presented to FPKIPA:	10 November 2015
Date of approval by FPKIPA:	25 November 2015