

Federal Public Key Infrastructure Policy Authority (FPKIPA)

Minutes of the 10 February 2004 Meeting

NIST North; Room 618; Gaithersburg, MD

A. AGENDA

- 1) Introductions
- 2) Approval Vote on Minutes from 13 January 2004
- 3) Status of Email Votes Since Last FPKIPA Meeting
- 4) Federal Identity Credentialing Committee (FICC) Report
- 5) FPKI Certificate Policy Working Group (FPKI CPWG) Report
- 6) FBCA Operational Authority (FBCA OA) Report
- 7) Other Topics
- 8) Next Meeting Plans / Meeting Adjourned

B. VOTING MEMBER ATTENDANCE LIST

- 1) Department of the Treasury – Michelle Moldenhauer
- 2) Department of Commerce – Proxy by Tim Polk, NIST
- 3) Department of Justice – Proxy by Marty Burkhouse
- 4) Department of Defense – Proxy by Dave Hanko
- 5) General Services Administration – David Temoshok
- 6) Office of Management & Budget – Absent
- 7) National Aeronautics and Space Administration – Tice DeYoung
- 8) National Finance Center – Kathy Sharp

C. MEETING ACTIVITY

Agenda Items 1 & 2

Introductions / Vote on Approval of Meeting Minutes:

Ms. Michelle Moldenhauer, Chair of the FPKIPA, opened the meeting at 1:00 p.m. with attendee introductions.

Regarding the 13 January 2004 FPKIPA meeting minutes, they were distributed to the FPKIPA working group with insufficient time for review prior to this meeting so it was recommended that approval of the 13 January 2004 FPKIPA minutes be done by an email vote between this meeting and the next FPKIPA meeting on 9 March 2004.

Agenda Item 3

Status of Email Votes Since Last FPKIPA Meeting:

The following results of email votes requested since 9 December were reported:

FPKIPA Charter Revision – This email vote to approve the revised FPKIPA Charter was requested on 4 February 2004 with only two votes received – “Yes” from Treasury and DoD.

Since all the FPKIPA voting members did not cast a vote on this item during the email vote, it was recommended that a vote be taken during this meeting. First, some editorial comments from Mr. Brant Petrick and a clarification about the Common Policy to make sure the Shared Service Providers must be in compliance with the CP and have their own CPS, were discussed and will be incorporated in the final version of the FPKIPA Charter. Here is the voting record:

Approval vote for FPKIPA Charter Revision			
Voting members	Vote (Motion – Commerce; 2nd – GSA)		
	Yes	No	Abstain
Dept of the Treasury	X		
Dept of Commerce	X		
Dept of Justice	X		
Dept of Defense	X		
GSA	X		
OMB (proxy by FPKIPA Chair)	X		
NASA	X		
NFC	X		

The approved FPKIPA Charter will be distributed with track changes to all members and a clean version will be posted to the website with a current Record of Changes page.

ACTION (073): Dr. Peter Alterman, HHS, and Dr. Tice DeYoung, NASA, will incorporate the changes to the FPKIPA Charter agreed to at the 10 February 2004 FPKIPA meeting and update the Record of Changes page accordingly.

ACTION (074): IATAC will distribute the approved FPKIPA charter with track changes to the FPKIPA mail list.

Agenda Item 4

Federal Identity Credentialing Committee (FICC) Report:

A meeting of the FICC working group chairs was held on 6 February 2004. Efforts originating from the Smart Card working group are moving forward since the technical part is coming to a close for the smart card chips.

Both the Common Policy and the Smart Card Policy have been reviewed by various working groups and revised based on comments received.

The Shared Service Providers (SSP) Subcommittee is reviewing SSP working group documents so they can be posted to the FICC web site.

The Notice of Intent (NOI) will be published by early in the week of 16 February 2004. It will encourage vendor submissions by 31 March 2004. The first SSP Qualified Bidders List (QBL) will be assessed by 1 June 2004. GSA is in the process of scheduling an Industry Day for potential SSP vendors. Part of the Industry Day will be a Question and Answer (Q&A) session

for the vendors to ask questions about the SSP QBL and its associated documentation and procedures.

Also within the Smart Card area, the next big challenge is the issuance of specifications for minimum biometrics. The leading solution is fingerprint pattern and face image triangulation and these align with ISA and international initiatives. A 95% success rate at the USA borders with the face imaging process and matching has been achieved.

Vote on FPKI Common Policy:

This policy is ready for FPKIPA approval because it has been reviewed by the FPKIPA, the FICC, and the CPWG and all comments have been addressed and incorporated into the latest version. Like most policy, this is a living document and a change proposal process is in place for executing future changes.

This is a slightly stronger policy than how the FBCA CP deals with Medium assurance because the identity proofing is aligned with eAuthentication guidelines for Level 4 and the text dealing with hardware tokens equates to the text in the DoD CP for Class 3 Hardware. This policy covers hardware, software, and devices. This policy addresses Agency, contractor, and affiliate verification processes for credential issuance and relies on a strong proofing validation from the Agency. ID proofing at the Medium and High assurance levels in the FBCA CP meet the specifications in NIST Special Publication 800-63. High assurance requirements in the FBCA CP also require more frequent CRL publication, so the FPKI Common Policy equates to a very strong Level 3 in eAuthentication. This policy has three roles of separation versus the four levels of assurance in the FBCA CP (Rudimentary, Basic, Medium, and High), and therefore here is how the three different OIDs in the FPKI Common Policy relate to both the eAuthentication and FBCA CP levels - Hardware [eAuthentication (Level 4), FBCA (Medium)], Software [eAuthentication (Level 3), FBCA (Medium)], and Devices [eAuthentication (N/A), FBCA (Medium)].

There was discussion about when would be the appropriate time to add text, now or after we approve the current version of the FPKI Common Policy, so that it maps to the FBCA CP at the High assurance level, but the final consensus was to approve this version of the policy and then work on the additional text in the near future.

Mr. Polk volunteered to add the necessary text to the FPKI Common Policy to address the High assurance level. The vote record to approve the action to add text in the near future to the FPKI Common Policy to address High Assurance:

Approval Vote to Add Text in the Near Future to the FPKI Common Policy to Address High Assurance			
Voting members	Vote (Motion – Commerce; 2nd - Justice)		
	Yes	No	Abstain
Dept of the Treasury	X		
Dept of Commerce	X		
Dept of Justice	X		
Dept of Defense	X		

GSA	X		
OMB (proxy by FPKIPA Chair)	X		
NASA	X		
NFC	X		

The vote record to approve the current FPKI Common Policy:

Approval Vote for FPKI Common Policy			
Voting members	Vote (Motion – Commerce; 2nd – Justice)		
	Yes	No	Abstain
Dept of the Treasury	X		
Dept of Commerce	X		
Dept of Justice	X		
Dept of Defense	X		
GSA	X		
OMB (proxy by FPKIPA Chair)	X		
NASA	X		
NFC	X		

It was noted by the voting members from GSA, NASA, and NFC, that their vote was cast with the stipulation that they were approving this FPKI Common Policy with the understanding that as it is currently written, it realistically contains 3 policies, specified by the 3 OIDs – one each for Hardware, Software, and Devices.

Agenda Item 5

FPKI Certificate Policy Working Group (CPWG) Report:

Mr. Polk stated that the FPKI CPWG has not met in over two months. He will send IATAC a list of dates for meeting scheduling. Some of the immediate tasks to be undertaken in CPWG meetings are finish revisions to reformatted FBCA CP and mappings for the DoD ECA CP and the Educause CP.

Agenda Item 6

FBCA Operational Authority (OA) Report:

Status of FBCA Certification & Accreditation (C&A)

Mr. Darron Tate reviewed the status of the FBCA Certification & Accreditation, stating the following highlights:

- Implementation of the migration plan for connecting the Luna CA3 to the CAs in the production FBCA made progress in the past month with installation of the Luna CA with the CAs currently ongoing and progressing successfully.
- The installation of the Microsoft CA, expected to be completed by 6 January 2004, can begin shortly because the software was recently received by the FBCA OA.

- A full Certification & Accreditation (C&A) is still scheduled for 8 March 2004. Documents to prepare for this event have been passed to the auditor.
- Within the past month, the FBCA OA has been informed that the person serving as their Information System Security Manager (ISSM) resigned. This is a very critical position in the FBCA OA. GSA needs to act quickly to designate a replacement. This vacancy may have a negative impact on performing the C&A in March.
- Cross certificates were successfully issued to the State of Illinois and the Department of State on 21 January 2004.
- The Department of Energy, already cross-certified with the FBCA, has made a decision to change their PKI architecture from hierarchical to something else. Changes will be made at the Agency level and will need to be revised in their CP.
- The cross certification status for the Government of Canada hasn't changed in the past month because a suitable application interoperability partner hasn't been identified yet. NASA, once a possible partner, is now definitely not interested in participating. Another possible candidate, Treasury's Bureau of Public Debt, which has a suitable application, is also not interested in participating.

Status of FBCA/Applicant Cross-Certification Technical Testing:

There was no activity in the area of Technical Testing since the 13 January 2004 FPKIPA meeting.

Status of CA Testing:

The FBCA OA has not heard from either ACES/ORC or ACES/AT&T about their readiness to participate in testing with the FBCA OA.

Agenda Item 7

Other Topics:

Federal PKI Deployment Workshop #2 Status

Mr. Lentz informed the FPKIPA of the next workshop and that the web site will be ready for posting information about the agenda, exhibit and sponsorship opportunities before the end of February 2004. The theme this year is "Federal Credentialing and Beyond" and will take place on 12-14 May 2004 at the Reagan Building in Washington, DC. Workshop #1 was attended by 200 people and this one will be expanded to 300 people and not only address the topic of FPKI but the more expanded scope of the FICC in the past year to include Smart Cards, Biometrics, and Physical Security.

Agenda Item 8

Next Meeting Plans / Meeting Adjourned:

The next FPKI PA Meeting is scheduled for 9 March 2004 from 09:30-12:30 at the GSA facility located at 1800 F Street, Room 2239, Washington, DC.

The meeting adjourned at 3:15 p.m.

D. LIST OF ATTENDEES

NAME	Email	Telephone	Organization
Alterman, Peter	altermap@mail.nih.gov	301.252.8846	HHS
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E. CURRENT ACTION ITEMS

No.	Action Statement	POC	Start Date	Target Date	Status
004	<p>Define the audit criteria (Web Methods, SAS70, PAG) that will be used to conduct C&A sessions for the FBCA and FBCA OA.</p> <p>14 January 2003 – This delta report of what is covered by each C&A technique has been deferred until the completion of the FBCA Criteria and Methodology documents.</p>	Tice DeYoung, NASA	<p>08 April 2002</p> <p>Updated – 14 Jan 2003</p> <p>Updated – 13 May 2003</p>	<p>13 Jan 2004</p> <p>FPKIPA meeting</p>	<p>Open – reassigned to GSA/FTS, Cheryl Jenkins (as of 14 Jan 2003) and Tice DeYoung (13 May</p>

No.	Action Statement	POC	Start Date	Target Date	Status
					2003)
031	MOAs for the Cross Certification applicants, DoD, NASA, Treasury and USDA/NFC need to be sent to the FBCA OA in original format with signatures.	IATAC/ FPKIPA Chair	14 Jan 2003 Updated – 13 May 2003	9 Dec 2003 FPKIPA meeting	Open
043	Establish policy to reflect the changing interoperability needs of the multiple membrane members, and forward requested changes to Mr. John Cornell for review before sending out to the working group members.	Tim Polk, NIST	13 May 2003	13 Jan 2004 FPKIPA meeting	Open
048	Solicit participants with a real application to do business with Canada.	Judy Spencer, GSA	10 June 2003	13 Jan 2004 FPKIPA meeting	Open
050	The State of Illinois MOA should be written to reflect that any changes to their CPS must be forwarded to the FPKIPA and that both the CP and CPS from the State of Illinois were used for the mapping comparison with the FBCA CP.	Tim Polk, NIST	10 June 2003	9 Dec 2003 FPKIPA meeting	Open
053	Review FBCA CP to address “verified credentials”. This will be done at the upcoming off-site meeting.	CPWG	10 June 2003	Dec 2003 or next CPWG meeting	Open
057	Write a short paper that says from here forward the FBCA OA will limit FBCA acceptance testing to systems that demonstrate enhanced assurance through NIAP testing.	Tim Polk, NIST	8 July 2003 Updated – 9 Sept 2003	9 Dec 2003 FPKIPA meeting	Open
061	Incorporate the new FBCA CP Change Proposals (2003-01 through 2003-05) into the FBCA CP, dated 10 September 2002, and forward the resulting FBCA CP to the FPKIPA webmaster for posting to the Federal PKI web sites.	IATAC	9 Sept 2003	31 Dec 2003	Open
062	Define the NIAP certification requirement for future bridge membrane applications.	Tim Polk, NIST	9 Sept 2003	9 Dec 2003 FPKIPA meeting	Open
066	Develop text for the FPKIPA Charter regarding the sunset clause for voting members of the FPKIPA who are not cross certified members of the FBCA.	Tim Polk, NIST	18 Nov 2003	13 Jan 2003 FPKIPA meeting	Open

No.	Action Statement	POC	Start Date	Target Date	Status
068	Compose the Microsoft approval letter for the FPKIPA Chair to sign.	Cheryl Jenkins, GSA	18 Nov 2003	19 Dec 2003	Open
070	Determine if NASA will participate in a collaborative effort with the Canadian Space Agency to prove feasibility of applications working between two organizations with PKIs cross-certified with the FBCA.	Tice DeYoung, NASA	18 Nov 2003	31 Dec 2003	Closed, 10 Feb 2004 FPKIPA meeting
073	Incorporate the changes to the FPKIPA Charter agreed to at the 10 February 2004 FPKIPA meeting and update the Record of Changes page accordingly.	Dr. Peter Alterman, NIH, and Dr. Tice DeYoung, NASA	10 Feb 2004	9 Mar FPKIPA meeting	Open
074	Distribute the approved FPKIPA charter with track changes to the FPKIPA mail list.	IATAC	10 Feb 2004	9 Mar FPKIPA meeting	Open