



## Minutes of the 11 August 2009 Meeting

9:45 a.m. – 11:05 a.m.

### A. AGENDA

1. Welcome / Introductions
2. Discuss/Vote on 14 July 2009 FPKIPA Minutes
3. Results of the e-vote on the FPKIPA Chair Nomination
4. Results of the e-vote to remove Commerce as a voting member
5. Discuss lifting the moratorium requiring location of the FPKIA in Federal Space (vote as appropriate)
6. FPKI Certificate Policy Working Group (CPWG) Report
7. FPKI Management Authority (FPKI MA) Report
8. ICAM Update
9. White Paper: The Realized Value of FPKI
10. Other Agenda Items
11. Adjourn Meeting

### B. ATTENDANCE LIST

#### VOTING MEMBERS

The meeting began without a quorum. The formal part of the meeting began after Ms. Fincher announced the results of the successful e-vote to remove Commerce as a voting member (93.4%), leaving 14 voting members. The meeting then commenced with a quorum of 11/14 (or 78.8%) where a two-thirds majority was required. Three members were absent.\*

We redacted contact information in the published FPKIPA minutes at the request of FPKIPA members. This information will be posted to a secure web site for FPKIPA members only at some point in the future. FPKIPA minutes already posted on the website have been redacted to remove POC information. FPKIPA members needing POC information on other members and participants should contact the Secretariat at [Judith.fincher@pgs.protiviti.com](mailto:Judith.fincher@pgs.protiviti.com).

Organization	Name	Telephone
Department of Defense	Mitchell, Debbie	Teleconference
Department of Health & Human Services	Slusher, Toby	Teleconference
Department of Homeland Security - revolving proxy	ABSENT*	
Department of Justice-	Morrison, Scott	
Department of State	Frahm, Jarrod	
Department of Treasury	Proxy to DoD	

FPKIPA Minutes of the 11 August 2009 Meeting

<b>Organization</b>	<b>Name</b>	<b>Telephone</b>
Drug Enforcement Administration (DEA CSOS)	ABSENT	
GPO	Hannan, John	
GSA	Spencer, Judith	
NASA	Levine, Susan	Teleconference
Nuclear Regulatory Commission- NRC	Sulser, David	
SSA	Mitchell, Eric	Teleconference
USPS	Stepongzi, Mark	
USPTO	ABSENT	

- We neglected to honor the revolving proxy due to an oversight.

**OBSERVERS**

<b>Organization</b>	<b>Name</b>	<b>Telephone</b>
Cipher Solutions, Inc.	Ahuja, Vijay	Teleconference
FPKIPA Support/Secretariat (Contractor, Protiviti Government Services)	Fincher, Judy	
eValid8	Dilley, Brian	
IdenTrust	Schambach, Marco	Teleconference
GSA Support (Contractor, Unisys)	Petrick, Brant	
Department of State/ Co-chair, CPWG (Contractor, ManTech)	Froehlich, Charles	
GSA Support (Consultant, RJ Schlecht Consulting)	Schlecht, R.J.	
Wells Fargo	Schwartz, Ruven	Teleconference
Entrust	Moore, Gary	Teleconference
FPKI PA (Contractor, PGS)	McBride, Terry	
FPKI MA Technical Liaison (Contractor, Protiviti Government Services)	Brown, Wendy	
DHS (Contractor, Protegus)	Shomo, Larry	Teleconference
EPA (Contractor, Jacob & Sundstrom)	Simonetti, David	Teleconference

**C. MEETING ACTIVITY**

**Agenda Item 1**

**Welcome / Introductions—Judith Spencer, Chair**

The FPKIPA met at the USPS Headquarters, 475 L'Enfant Plaza, SW, Washington, DC, CR 2P316 (inside CR 2P310). Judith Spencer, the newly appointed chair, called the meeting to order at 9:45 a.m. and conducted introductions of those present in person and via teleconference. We wish to thank Mark Stepongzi of USPS for hosting this meeting.

**Agenda Item 2**

**Discuss/Vote on 14 July 2009 FPKIPA Minutes— Judy Fincher**

Because the meeting started without a quorum, we could not vote on this item until Ms. Fincher announced that the e-vote to remove Commerce as a Voting Member had been successful (see Agenda Item 4, below). There are now fourteen (14) voting members. Following this announcement, a quorum was reached with 78.8% of members present, where a 2/3 majority was required.

The FPKIPA approved the red -line 14 July 2009 FPKIPA minutes by 10/14 (or 71.4%) where a 50% majority vote was required. DoD abstained. DHS, USPTO and DEA CSOS were absent.

<b>Approval vote for 14 July 2009 FPKIPA Minutes – red line version</b>			
	<b>Vote (Motion- NRC 2<sup>nd</sup>-USPS)</b>		
	<b>Yes</b>	<b>No</b>	<b>Abstain</b>
Department of Defense			√
Department of Health & Human Services	√		
Department of Homeland Security	ABSENT*		
Department of Justice	√		
Department of State	√		
Department of the Treasury – Proxy to DOD	√		
Drug Enforcement Administration (DEA CSOS)	ABSENT		
GPO	√		
GSA	√		
NASA	√		
Nuclear Regulatory Commission (NRC)	√		
SSA	√		
USPS	√		
USPTO	ABSENT		

\*Although DHS has a recurring proxy, the e-mail designating another agency (GSA) to exercise the proxy was not received in time.

**Agenda Item 3**

**Results of the e-vote on the FPKIPA Chair Nomination—Judith Fincher**

Ms. Fincher reported that the e-vote obtained the necessary quorum (2/3) and that it was successful (92.9%). Ms. Spencer was appointed FPKIPA Chair as the representative of the GSA/Office of Governmentwide Policy (OGP). GSA recused itself from the e-vote. The final tally, therefore, was 13/14.

#### **Agenda Item 4**

##### **Results of the e-vote to Remove Commerce as a Voting Member—Judith Fincher**

Ms. Fincher reported that the e-vote obtained the necessary quorum (2/3) and that it was successful (93.3%). Commerce did not vote. The final tally was 14/15. Commerce is no longer a voting member of the FPKIPA.

#### **Agenda Item 5**

##### **Discussion on lifting the Moratorium requiring location of the FPKIA in Federal Space (vote as appropriate)—Judith Spencer, Debbie Mitchell**

Ms. Spencer reported on the mandatory (closed) meeting of the FPKIPA held on July 30. One of the actions of that meeting was a recommendation by Ms. Cheryl Jenkins to lift the requirement that the FPKIA secondary site be located in Federal space.

DoD subsequently provided comments and concerns about locating the FPKI alternate site in commercial space. Debbie Mitchell explained DoD's concerns. She raised five questions: 1) Would a separate C&A be required? 2) How would the co-location impact configuration management controls? 3) How would you control remote access to the FPKI network? 4) Would there be any changes to the audits, e.g., physical security controls? 5) Would new legal agreements be needed?

Although the FPKI MA has not had time to respond formally, Wendy Brown provided some preliminary thoughts. The MA would attempt to leverage any site C&A physical controls that may have been done by the commercial facility, but a full site C&A would be done by the FPKI MA. The same configuration management controls will be required regardless of whether the FPKI systems are hosted in commercial or government space. Likewise, the same authentication and access controls and trusted roles will be required regardless of location. She also emphasized that there would be multi-factor authentication for local access control. She said the ISP connections would terminate in routers within the FPKI cage. The MA is concerned with the need for flexibility to add bandwidth and the cost of the network. The FPKI MA wants to ensure we are serviced in the future by multiple ISPs and that we have route diversity. The location does not change the requirements for audits.

Judith Spencer said we were not ready to vote until we receive a formal response to Debbie Mitchell's questions from the MA. She asked the MA to respond to Ms. Mitchell by 8/17/2009, so that Ms. Mitchell has time to get them vetted by DoD before 8/24/2009.

Ms. Spencer will call a teleconference of federal agencies the week of 8/24/2009, with the idea that a vote--if required—would take place no later than the next FPKIPA meeting (9/8/2009). Ms. Spencer stated she feels this issue requires a 100% consensus among the federal agencies.

She reiterated that this decision lies on the critical path of the re-design activity. This decision needs to be made before the MA can locate the alternate site for the FPKIA. The longer it takes, the more it delays the rollout of the redesign. However, it does not

impact our moving the primary site because that site will be located in government space. It makes sense, she said, to piggyback on sites where DoD already has a contract with FISMA-compliant components: security clearances and C&A. David Sulser said we could leverage an existing C&A for physical controls, for power, A/C and the cage, but that we would still need our own C&A for the FPKIA.

Ms. Spencer said she was working on the funding for the re-design with Carol Bales of the OMB. The only caveat is that the money would have to be spent before the end of the current Fiscal Year. The OMB is also asking for a reduced quote.

### **Agenda Item 6**

#### **FPKI Certificate Policy Working Group (CPWG) Report—Charles Froehlich**

1. The State of Illinois has made policy changes, but the CPWG is awaiting a signed CP. The CPWG is also awaiting confirmation that RAs have received hardware tokens before issuing the mapping report.
2. Entrust needs to add the Medium CBP and MediumHW CBP OIDs to their CP before the CPWG can finalize the “white space” mapping. Entrust must then submit a MOA, undergo directory interoperability testing, and submit a compliance audit.
3. Exostar presented an application to be accepted as a Commercial PKI SSP “clone.” They are currently cross certified with the FBCA at Medium and Medium Hardware via the CertiPath Bridge. The CPWG determined that there must be some way for the host bridge (CertiPath) to acknowledge that the applicant is using their bridge for this purpose.
  - a. Brant Petrick has modified the Commercial PKI SSP “clone” application template on the website to include an endorsement line to be used if the applicant is coming through another bridge.
  - b. Vijay Takanti, CertiPath, will put an endorsement on the back of the Exostar application form, to show his concurrence. [Judy Spencer will contact Vijay Takanti about this.]
4. The CPWG finished reviewing the GPO response to the CPWG’s comments for both the General and Medium Hardware matrices. Both were satisfactory.
  - a. The CPWG also completed the “white space” mapping and noted some minor changes, which GPO will implement before the CPWG issues the mapping report.
  - b. GPO will need a new compliance audit (because the CP changed) and new MOA.
5. The work of the policy mapping review team and the Audit Working Group is progressing. Eventually, the results of the two groups will be compared and differences resolved.
  - a. The policy mapping review team has created process areas, and begun prioritizing requirements.
    - Questions have come up about additional breakdowns within main process areas, specifically maintenance, miscellaneous, and audit
    - Some processes are flows; some are more “checklist” items
  - b. The Audit Working Group is working on identifying core requirements, and appears to be making substantial progress.

6. The CPWG has completed review of the FPKIPA Charter, but is still working on updating the FPKIPA By-Laws. We did not discuss the Charter at today's meeting because members did not have sufficient time to review it. It went out to the listserv on August 10. We plan to vote on it at the 9/8/2009 FPKIPA meeting. If the CPWG makes enough progress, we could also vote on the By-Laws on 9/8/2009.
7. A preliminary review of the SAFE Bio-Pharma audit report was conducted. However, there were several questions raised by John Cornell, including (A) the independence of the auditor; (B) unspecified variances between operations and the CPS; and, (C) several administrative errors with the report vis-à-vis FPKI Audit Report requirements. [Judy Spencer indicated that she had received an e-mail from John Cornell that the matter of the auditor's independence had been resolved. John Cornell still needs the full audit report to resolve the other issues.]
8. Upcoming issues will include
  - a. Finalizing the State of Illinois, Entrust, and GPO mapping reports
  - b. On-going review of the Exostar cross--certification application
  - c. Review and finalization of the FPKIPA By-Laws
  - d. Review of the SAFE Bio-Pharma Audit Report
9. Several key members of the CPWG will be on annual leave next week. Therefore, the 18 August meeting of the CPWG is cancelled.

### **Agenda Item 7**

#### **FPKI Management Authority (FPKI MA) Report—Wendy Brown**

##### **Certificate Trust Store Status:**

###### Adobe

Adobe released the AATL on July 17, 2009. The MA provided draft guidance on configuring the certificate store in Acrobat and Reader to ensure a signature from a federal legacy PKI could be validated by a user outside that PKI. However, these instructions only work if you are at V 9 of Adobe products. The MA is still working with Adobe for guidance on earlier versions.

The MA will be happy to supply the additional cross certificates required to build a trust path to the Common Policy Root CA for any federal legacy PKI that requests them.

###### Apple

Apple announced that the Common Policy Root CA certificate is in the Mac OS X v10.5.8, released on August 5, 2009.

###### Mozilla

The MA is still working to get the information requested by Mozilla to continue the application to get the Common Policy Root CA Cert in Mozilla products cert store.

**Network status:**

The MA is aware that we are experiencing more traffic than the bandwidth available to the FPKI Repositories which results in slow responses. Cheryl Jenkins is working on obtaining additional network bandwidth. This is also a funding issue and Ms. Spencer is working on getting the funding for this, as well.

**Agenda Item 8**

**ICAM Update—Judith Spencer**

At the last meeting of ICAM in late July, the ICAM discussed Open Solutions for M-04-04 Level 1, including OpenID, InfoCard, and InCommon. Ms. Spencer requested agencies to provide applications that could take advantage of a Level 1 E-Auth solution, but to date, has received no responses.

Yesterday the Co-chairs of the ICAMSC met with the privacy community to talk about what is being done with these ID schemes at Level 1. Of the 80 people who signed up, 60 showed. PGS took attendance and provided Ms. Spencer with the sign-up sheet. There was a healthy debate, she said. At least one person thought you could not talk about Level 1 without also talking about Levels 2-3-4, therefore she will ensure that all future meetings discuss all levels.

The ISIMC is meeting this afternoon. The comment period for the Roadmap closed July 15, but comments are still trickling in. Over 1200 comments were received by the deadline. Comments that came in after the deadline will be dealt with at a future date. Although this was supposed to be an internal review, OMB sent it to the states. We have had some very good comments and the vast majorities were incorporated, she said. We will not be responding to each agency; we will post responses on the MAX web site.

The next release of the segment architecture will be by the end of August. The Implementation Guide will be issued in the 1st Quarter of FY10, e.g., mid to late November.

Ms. Spencer said to expect to see budget guidance by the end of the month. OMB Budget Guidance will reference the segment architecture and HSPD-12, she said.

The Privilege (Access) Management Workshop at NIST, September 1-3, will be showcasing a new privilege management scheme written by NIST's Dave Ferriolo. It promotes the concept of a policy engine and tagging of data, so individuals can gain access to data. Tags can be read, write, and sharing. Tags go with the data and control the data even if distributed to someone without rights. Think of this [RADBAC] as the next logical evolution for ABAC & RBAC, she said. For more information, go to [http://csrc.nist.gov/news\\_events/privilege-management-workshop/](http://csrc.nist.gov/news_events/privilege-management-workshop/)

The fee is \$160. The result of this Workshop will be published as a NISTIR, an information bulletin from NIST.

At the end of September, NIH is hosting “The TAO of Attributes.” EDUCAUSE is the co-sponsor with Dr. Peter Alterman. The goal is to define a set of common attributes with common identifiers to exchange information across federated boundaries. All federal agencies are invited.

### **Agenda Item 9**

#### **White Paper: The Realized Value of FPKI—Judith Spencer**

The “White Paper on the Realized Value of FPKI” will be out for additional review by the end of August so that it can go to the ICAMSC at their September meeting. Ms. Spencer feels the paper is not selling the business value of FPKI to the uninitiated reader. Ms. Spencer says she has done a lot of additional work on it and expects to have it to PGS by the end of the week. John Hannan of GPO said he would provide more cost savings information for the report.

### **Agenda Item 10**

#### **Other Agenda Items—Judith Spencer**

- 1) Brant Petrick said he had made an administrative change to FBCA CP. He deleted the reference in 5.3.1 to allow state and local governments to operate at “High Assurance”. The change to this paragraph was missed when the change proposal [FBCA 2008-04] limiting “High” to federal agencies was made elsewhere in the CP.
- 2) Brant Petrick will make another administrative change to the FBCA CP. He will create a reference to the In Person Antecedent Definition document.
- 3) Ms. Spencer explained that Dave Cooper at NIST will not modify the Profile to remove the SIA requirement because we have not made a final decision on the issue. Our language says it is optional.
- 4) Items for the September FPKIPA Agenda:
  - 1- Final disposition on lifting the moratorium on contractor space
  - 2- Vote to approve the revised FPKIPA Charter
  - 3- Possible vote to approve the [yet-to-be-revised] By-Laws.
- 5) Brant Petrick will add another signature line on the Exostar Commercial PKI SSP “clone” application for Vijay Takanti to sign, on behalf of CertiPath.

### **Agenda Item 11**

#### **Adjourn Meeting—Judith Spencer**

Ms Spencer entertained a motion to adjourn. USPS made the motion and SSA seconded. The FPKIPA had a voice vote, with all “Yeas.” Ms. Spencer adjourned the meeting at 11:05 a.m.

FPKIPA Minutes of the 11 August 2009 Meeting

**CURRENT ACTION ITEMS**

No.	Action Statement	POC	Start Date	Target Date	Status
285	Judith Spencer and DoD will go off-line to discuss name uniqueness. She suspects there is name collision.	Judith Spencer, Debbie Mitchell	8 May 2007	22 May 2007	Open
316	Judith Spencer said we should post an explanation of the purpose of the C4CP to the FPKIPA website, explaining that the FPKIPA needs this policy for those entities who cannot meet Federal Bridge cross-certification requirements, but who need an E-Authentication Level 2 credential.	??	13 Nov. 2007	26 Nov. 2007	Open
327	Cheryl Jenkins will send the annotated Implementation Plan to Judy Fincher for distribution to all cross-certified members of the FPKIPA.	Cheryl Jenkins	11 Dec. 2007	January 2008	Open
331	Dr. Alterman will draft language for the FBCA policy change procedure to do some "reality testing" and distribute it to the FPKIPA.	Dr. Peter Alterman	8 April 2008	13 May 2008	Open
366	Debbie Mitchell will share the finalized DoD Test Plan; the FPKIPA will then review it and decide what pieces they can and cannot do. Then Cheryl Jenkins will follow up to make sure the test plan includes testing at the application level,--not just the PKI level.	Debbie Mitchell, FPKIPA, Cheryl Jenkins	13 May 2008	10 June 2008	Open
371	Dr. Alterman will inform Verizon Business Systems (VBS) that their application was approved and will ask for the ETA for the Policy.	Dr. Peter Alterman	8 July 2008	15 July 2008	Open
373	Deborah Gallagher will check with DHS to verify the FRAC requirement.	Deborah Gallagher	9 Sept. 2008	14 Oct. 2008	Open
375	The FPKIPA Chair will take the enduring proxy and meeting schedule issues under advisement and will notify non-attendees that they risk losing their voting privileges if they persist in unexplained absences and do not designate a proxy when they cannot attend.	Judith Spencer	14 October 2008	12 November 2008	Open
376	Debbie Mitchell will ask Camie Webster if the PKITHING tool and other tools used in the testing are available to the FPKIPA community	Debbie Mitchell	10 Feb. 2009	19 Feb. 2009	

FPKIPA Minutes of the 11 August 2009 Meeting

No.	Action Statement	POC	Start Date	Target Date	Status
377	Judith Spencer will send out the organizational "wiring diagram" from Ms. Mitchell to the FPKIPA voting members before the next FPKIPA meeting (14 July 2009).	Judith Spencer	9 June 2009	15 June 2009	Open
378	Cheryl Jenkins will send out guidance to the agencies on how to use the various root stores.	Cheryl Jenkins	9 June 2009	14 July 2009	Open
379	Cheryl Jenkins will provide a milestone and timeline sheet for the redesign effort. This will be provided as a dashboard on a monthly basis to the FPKIPA.	Cheryl Jenkins	9 June 2009	14 July 2009 and monthly afterwards	Open
380	R.J. Schlecht will re-convene the defunct Audit Working Group (AWG) in the July timeframe.	R.J. Schlecht	9 June 2009	14 July 2009	Open
381	Judith Spencer will check with NIST for additional guidance on device certificates.	Judith Spencer	9 June 2009	18 June 2009	Open
382	Judith Spencer will talk with Bill Macgregor at NIST about guidance for Key Management history.	Judith Spencer	9 June 2009	18 June 2009	Open