FEDERAL PKI POLICY AUTHORITY

February 14, 2012 MEETING MINUTES

USPS Headquarters
475 L'Enfant Plaza, SW
Conference Room: 4841
Washington, DC
9:30 a.m. – 12:00 a.m. EST

9:30	**Welcome, Opening Remarks & Introductions**	**Deb Gallagher, Chair**
9:35	**Discuss / Vote on January 2011 FPKIPA Minutes**	**Matt King**
9:45	**FPKI Management Authority (FPKIMA) Report**	**Darlene Gore**
10:30	**FPKI Certificate Policy Working Group (CPWG) Report** **1. Review/Update Status of CPWG Ongoing Initiatives** **a. Baselining PKIs against New Mapping Tables** **b. Registration Authority (RA) Audit Requirements Change Proposals** **c. PKI Health Metrics** **d. Criteria and Methodology Status**	**Charles Froehlich**
11:15	**Vote to Approve Exostar for Cross-Certification**	**Matt King**
11:30	**VA Status Update**	**Eric Jurasas**
11:35	**Other Agenda Items** o *ICAM Update* o *If you cannot attend, please designate a proxy* o *Next FPKIPA meeting, March 6, 2012*	**Deb Gallagher**
12:00	**Adjourn Meeting**	**Deb Gallagher**

A. ATTENDANCE LIST

a. Voting Members

Organization	Name	T – Telephone P – In Person A – Absent
Department of Defense (DOD)	Mitchell, Debbie	T
Department of Energy (DOE)	Thomas, Michele	T
Department of Health & Human Services (HHS)	Slusher, Toby	P
Department of Homeland Security (DHS)	Miller, Tanyette (Proxy for Don Hagerling)	P
Department of Justice (DOJ)	Morrison, Scott	P
Department of State (State)	Frahm, Jarrod	P
Department of Treasury (Treasury)	Wood, Dan	A
Drug Enforcement Administration (DEA CSOS)	Briggs, Sherrod (Proxy for Chris Jewell)	T
Government Printing Office (GPO)	Hannan, John	T
General Services Administration (GSA)	Gallagher, Deb	P
National Aeronautics & Space Administration (NASA)	Wyatt, Terry	T
Nuclear Regulatory Commission (NRC)	Sulser, David	P
Social Security Administration (SSA)	Mitchell, Eric	T
United States Postal Service (USPS)	Stepongzi, Mark	P
United States Patent & Trademark Office (USPTO)	Lindsey, Dan	T
Veterans Administration (VA)	Jurasas, Eric	T

b. Observers

Organization	Name	T – Telephone P – In Person A – Absent
Exostar	Baker, George	T
Safer Institute	Boley, Ken	T
FPKIMA Technical Liaison (Contractor, Protiviti)	Brown, Wendy	P
	Cox, Jerry	T
eValid8	Dilley, Brian	T
DoS (Contractor, ManTech)	Froehlich, Charles	P
DHS	Fuerst, Neil	T
eValid8	Gibson, Faith	T
SS (Contractor)	Hardy, Amy	T
State (Contractor)	Jung, Jimmy	T
FPKIPA (Contractor, Protiviti)	King, Matt	P
FPKIPA (Contractor, Protiviti)	Louden, Chris	P
VA	Miller, Jason	T
CertiPath	Nigriny, Jeff	P
eValid8	Schminky, Jim	P
FPKIPA (Contractor, Protiviti)	Silver, Dave	T
CertiPath	Spencer, Judy	P
Exostar	Takanti, Vijay	T

B. MEETING ACTIVITY

Welcome, Opening Remarks & Introductions, Deb Gallagher

The Federal Public Key Infrastructure Policy Authority (FPKIPA) met at the USPS Headquarters located at 475 L'Enfant Plaza, SW CR4841 Washington, DC. Ms. Deb Gallagher, Chair, called the meeting to order at 9:32 a.m. EST. Those present, both in person and via teleconference, introduced themselves.

Discuss / Vote on January 10, 2012 FPKIPA Minutes, Matt King

There was a vote to approve the January 10, 2012 FPKIPA minutes. USPS motioned to approve; HHS seconded. The motion was approved unanimously.

Approval Vote for January 10, 2012 FPKIPA Minutes			
Voting members	**Vote (USPS Motion; HHS Seconded)**		
	Yes	**No**	**Abstain or Absent**
Department of Defense (DOD)	√		
Department of Energy (DOE)	√		
Department of Health & Human Services (HHS)	√		
Department of Homeland Security (DHS)	√		
Department of Justice (DOJ)	√		
Department of State (State)	√		
Department of the Treasury (Treasury)			Absent
Drug Enforcement Administration (DEA CSOS)	√		
Government Printing Office (GPO)	√		
General Services Administration (GSA)	√		
National Aeronautics & Space Administration (NASA)	√		
Nuclear Regulatory Commission (NRC)			Absent
Social Security Administration (SSA)	√		
United States Postal Service (USPS)	√		
United States Patent & Trademark Office (USPTO)	√		
Veterans Administration (VA)	√		

FPKI Management Authority (FPKIMA) Report, Darlene Gore

Ms. Wendy Brown presented the FPKIMA Report. The latest revised FPKI CPSs have been redacted and posted. The Incident Management Process and FPKIMA FAQs will be finalized soon. The FPKI is going through its compliance audit. Some findings will result in updates to the FPKI CPSs.

The FPKIMA will present a briefing at the GSA Expo in May 2012. The briefing will provide basic information about the FPKIMA and services it offers. It was suggested that the briefing include information about the uses of PKI certificates and how the FPKI is central to the use of PIV cards. Ms. Deb Gallagher mentioned that the briefing information will be used across other Working Groups to educate people about the FPKI. Mr. John Hannan noted that it may also be good to mention the existence of a free PKCS#7 signing tool that was developed at the request of the ICAMSC.

The FPKI received approval from Microsoft for an extension request on the Timestamp issue, and the extension was granted until July 2012. Microsoft rejected the FPKI request for a design change related to the PDVal issue of CAPI choosing a longer invalid certificate path over the expected short valid path to a trusted root. A meeting will be held on Wednesday, February 15 2012 to discuss the Encryption Certificate look up issue. Participation is encouraged.

The FPKIMA issued cross-certificates to DigiCert and Entrust (without name constraints) and is waiting for both organizations to publish these new certificates in their repositories. Ms. Brown presented the Repository Usage information and noted that over 1.6 billion requests were processed in January 2012. LDAP requests rose 34%, while the HTTP requests increased by more than 50%, and the FPKIMA maintained 98.9% availability. Ms. Darlene Gore noted that the FPKIMA will deploy software in the future that will help indicate from where the traffic is originating so the FPKIMA can understand the reasons for the continuing increases in traffic and ensure maximum efficiency is achieved. A second chart showing FPKI Repository performance compared to The Keynote Government Index benchmark performance of the home pages of 40 major U.S. Federal Government Web Sites was displayed and discussed. The FPKIMA uses this data to monitor performance from a user perspective from the ten largest U.S. metropolitan areas (Boston, Chicago, Dallas, Detroit, Houston, Los Angeles, New York, Philadelphia, San Francisco, and Washington, D.C.). Ms. Gallagher suggested the comparison with government web sites was not really an "apples-to-apples" comparison. Ms. Gallagher said if we could not find a similar comparison with other PKI certificate status repositories, the comparison line should be removed from the chart.

The FPKIMA conducted an evaluation of the FPKI's Security Categorization (analyzing the delta between operations in their current state at Moderate and the High Impact

requirements) to determine if the FPKI should be operated as a High Impact system. The next steps will be a formal review and decision by FAS.

FPKI Certificate Policy Working Group (CPWG) Report, Charles Froehlich

1. Review/Update Status of CPWG Ongoing Initiatives

Mr. Charles Froehlich presented the CPWG Report:

a. Base-lining PKIs against New Mapping Tables

Since the new way of mapping was introduced, a number of Certificate Policy change proposals have been approved. The new version of the Crits and Methods document now requires that agencies submit delta mapping tables to show that they are compliant with new change proposals. Therefore, there is a need to establish a baseline mapping table for each entity approved for cross certification with the Bridge (this includes legacy federal agencies directly cross-certified with Common since their mapping is with the FBCA CP). The new mapping tables are being updated and, once published, the CPWG will request that Entity PKIs submit a fully completed mapping table with their next audit or CP update submission. This effort will increase the workload of the CPWG, but it is necessary to move forward.

b. Registration Authority (RA) Audit Requirements Change Proposals

Work continues on the RA Audit Requirements change proposal. A Tiger Team met last Thursday and is meeting again this Thursday (February 17, 2012). The Tiger Team agreed on the options for audit letter submission and will work out the wording of the change proposals and audit guidance documentation during upcoming meetings.

c. PKI Health Metrics

Mr. Dan Wood presented a tool to the CPWG to assess performance and health of the Treasury PKI. Based on this example, the CPWG has started to look at a means of collecting additional information about the health of the Federal PKI as a whole which encompasses information about the operations of entity CAs that is not already available somewhere else. How the information will be collected, use of the collected information, and further dissemination will be determined after deciding what information would be useful to collect. There are reservations about the FPKIPA's authority to request, much less use/further disseminate, such information, but this question will be resolved once the CPWG determines that information is needed, and specifically what information is not already available from other sources. This will be a long process including: (1) identifying the metrics to track; (2) categorizing the metrics into related topics, such as PIV usage, Health of the CAs, RAs; and (3) further categorizing the metrics into:

a. Information internal to the FPKI;

b. Information obtained from other sources;

c. Information not yet tracked; and

d. Identifying which items could be tracked in the short, medium, and long terms.

d. Criteria and Methodology Status

The revised document is in the process of being published.

Vote to Approve Exostar for Cross-Certification, Matt King

The Exostar Application for cross-certification was distributed prior to the meeting. Ms. Gallagher noted, however, that there were some concerns raised about the lack of understanding of the benefit to the government in pursuing this cross-certification. Exostar is currently cross-certified with CertiPath and SAFE. Ms. Debbie Mitchell asked if any testing was performed to determine if path validation issues appeared when a PKI is cross-certified with multiple bridges. Mr. Vijay Takanti said there have been no reported path validation issues with their current cross-certificates with both CertiPath and SAFE. Ms. Gallagher recommended that the vote be postponed and asked if there were objections. Mr. Takanti of Exostar stated that he did not object, but that Exostar would like to continue to pursue cross-certification as soon as possible.

ACTION: None.

VA Status Update, Eric Jurasas

Mr. Eric Jurasas sent an update on VA's progress to Mr. Matt King, and had no further information for the FPKIPA. The progress update will be sent to the FPKIPA along with the FPKIPA meeting notes.

ACTION: None.

Other Agenda Items, Deb Gallagher

FPKIPA Chair Report

Ms. Gallagher briefed attendees on a variety of items including recent and upcoming cross-certifications, current status of FPKI documentation, and recent and upcoming change proposals.

Ms. Gallagher informed the group that a Logical Access Working Group (LAWG) PIV Tiger Team has been established and will meet on Wednesdays from 10-11 a.m. EST. This work is in response to a CIO Council request (per NSS direction) to identify metrics for PIV usage throughout the federal government. Once refined, the Tiger Team will

identify the tools that we have or need to automate reporting through Cyberscope. The effort ends on September 30, 2012 and the metrics will be included in the FISMA metrics next year. Ms. Gallagher is the POC for the Tiger Team.

In addition, a new Services Working Group may be established.

Ms. Gallagher also mentioned the GSA Expo in May 2012, RSA Conference from February 27 - March 2, and the DoD IPM conference from May 15-17.

Upcoming Meeting/Event	Date
ISIMSC	February 9, 2012
IAB	February 22, 2012
Cancelled: ICAMSC	February 22, 2012
ICAM Sharing Day and Expo	February 23, 2012
Cancelled: CPWG & TWG	February 23, 2012
FPKIPA Meeting	March 6, 2012
2012 NIST/NSTIC IDtrust Workshop	March 13-14, 2012
ICAMSC Meeting	March 28, 2012
GSA Expo	May 2012
DoD IPM Conference	May 15-17 2012

Adjourn Meeting

Ms. Gallagher adjourned the meeting at 10:36 A.M.

FPKIPA Action Items

No.	Action Statement	POC	Start Date	Target Date	Status
433	Matt King will place a deadline for C4CA responses for the first August CPWG for all agencies to provide their position on the necessity of the C4CA	Matt King	July 12, 2011	August 8 2011	Closed
434	Ms. Brown will send the MA report to the PA after changing the TWG date.	Wendy Brown	July 12, 2011	July 19, 2011	Closed
435	Ms Cheryl Jenkins will arrange an ad hoc meeting with Microsoft to address the CAPI path validation issues prior to Sept 15, 2011	Cheryl Jenkins	July 12, 2011	September 15, 2011	Closed
436	Ms. Gallagher will send an email with the request for a statement of need for removing the non-revocable certificates to the voting PA members .	Deb Gallagher	July 12, 2011	August 9, 2011	Closed
437	Mr. Matt King will send the EGTS briefing to the group	Matt King	July 12, 2011	August 9, 2011	Closed
438	Ms Gallagher will publish the Digital Signature Guidance once a final review is complete; will be published on the web as well.	Deb Gallagher	July 12, 2011	September 13, 2011	Open

No.	Action Statement	POC	Start Date	Target Date	Status
439	Ms. Wendy Brown and Mr. Matt King work to establish a fed-only email list.	Matt King / Wendy Brown	August 9, 2011	December 13, 2011	closed
442	Mr. King will send ORC PIV-I testing documentation and E-vote to the FPKIPA mail list	Matt King	August 9, 2011	September 13, 2011	Closed
443	Mr. King will send DigiCert audit letter and E-vote to the FPKIPA mail list	Matt King	August 9, 2011	September 13, 2011	Closed
446	The Timestamp Server White Paper will be added to the CPWG and FPKIPA agendas.	FPKIMA	August 9, 2011	September 13, 2011	Closed
449	All FPKIPA members shall submit their nomination for a new FPKIPA Chair to Ms. Gallagher and Mr. King by October 31, 2011	All Voting Members	September 13, 2011	October 31, 2011	Closed
450	Ms. Mitchell will provide DoD Lessons Learned from the LDAP transition by Oct 6, 2011.	Debbie Mitchell	September 13, 2011	October 6, 2011	Closed
451	At the 25 October meeting, the CPWG will add language to the FPKIPA Charter – Option B indicating that the CIO Council will appoint the FPKIPA Chair from a list of nominees put forward by the FPKIPA membership	Matt King	October 18, 2011	October 25, 2011	Closed

No.	Action Statement	POC	Start Date	Target Date	Status
452	At the 25 October meeting, the CPWG will discuss revising the FBCA Device Change Proposal to address Mr. Cooper's concerns that language in the FBCA change proposal was unnecessary	Matt King	October 18, 2011	October 25, 2011	Closed
453	Mr. Matt King to obtain Ms. Gallagher's signature on Charter and post to idmanagemnt.gov	Matt King	Nov 8, 2011	Dec 13, 2011	Closed
454	Ms. Gallagher and Mr. King to find out what's needed to participate in CAB Forum.	Matt King, Deb Gallagher	Nov 8, 2011	Dec 13, 2011	Open
455	Mr. Hancock of VA will send the VA status briefing presented in the 8 November FPKIPA meeting to Matt King for distribution and report back with a VA mitigation plan at the next FPKIPA meeting.	Matt King, John Hancock (Va)	Nov 8, 2011	Dec 13, 2011	Closed
456	Mr. King to distribute the VA briefing summarizing actions taken as of November 8, 2011 once the briefing is received from VA.	Matt King	Nov 8, 2011	Dec 13, 2011	Closed
457	Mr. Matt King will consult Mr. John Cornell and Mr. Tim Polk to determine if the intent of the Common Policy audit requirements is to require an Audit Letter or a full Audit Report.	Matt King	Dec 13, 2011	Jan 10, 2012	Closed

No.	Action Statement	POC	Start Date	Target Date	Status
458	Mr. Matt King will evolve the document tracking table to provide detailed status for the FPKI Community (NIST documents that are in the review process should also be included).	Matt King	Dec 13, 2011	Mar 30, 2012	Open
459	Mr. Matt King will distribute the VA Status Update to the FPKIPA Mail List when Mr. Eric Jurasas provides a copy	Matt King	Jan 10, 2012	Jan 20, 2012	Closed