Federal Public Key Infrastructure (FPKI)
Path Discovery & Validation (PD-VAL) Working Group
Minutes of the 10 February 2005 Meeting
NIST North, Gaithersburg, MD; Room 618

A.   AGENDA
1) Welcome & Opening Remarks / Introductions
2) Vendor Offering Questionnaire
3) Federal PKI Interim Validation Solution Update
4) Validation Service Assessment Framework Review
5) Other Topics
6) Next Meeting Plans/Meeting Adjourned

B.   ATTENDANCE LIST

Organization	Name	Email	Telephone
Dept of Commerce (NIST)	Cooper, David	david.cooper@nist.gov	301.975.3194
Dept of State	Edmonds, Deborah	edmondsdd@state.gov	202.203.7984
Dept of State	Russell, William	russellwc@state.gov	202.203.5044
Enspier	Simonetti, David	david.simonetti@enspier.com	410.356.2260
FICC	Petrick, Brant	brant.petrick@gsa.gov	202.208.4673
FPKIA OA (Mitretek)	Lins, Andrew	andrew.lins@mitretek.org	703.610. 1786
FPKIA OA Program Manager (GSA)	Jenkins, Cheryl	cheryl.jenkins@gsa.gov	571.259.9923
Sun Microsystems	Elley, Yassir	yassir.elley@sun.com	Teleconference
Orion Security Solutions	Wallace, Carl	cwallace@orionsec.com	703.917.0060x28
PD-VAL Secretary (IATAC)	Clemons, Darryl	clemons_darryl@bah.com	410.684.7732

C.   MEETING ACTIVITY

Agenda Item 1

Welcome & Opening Remarks:

The meeting was called to order at 9:53 a.m. with attendee introductions.

 Ms. Jenkins opened the meeting by providing a brief overview of how the meeting would initially proceed. She stated that the meeting would commence with the discussion of the 27 January minutes prior to continuing on with the meeting's agenda. She said that she wanted to get a consensus on the final meeting minutes prior to posting them to the PD-VAL website.

Ms. Jenkins called upon Mr David Cooper, NIST, who had the majority of the changes, to explain his comments to the group and provide the reason for the changes. Ms Jenkins also asked other members who had added input during the 27 January meeting to review the minutes and confirm the accuracy of what was recorded. After a mutual agreement was made on the changes,

the meeting minutes were accepted and delivered to be further reviewed from members who were not in attendance.

Agenda Item 2

Vendor Offering Questionnaire

The discussion began with addressing comments provided by Mr. Carl Wallace of Orion Security. David, responsible for the questionnaire addressed a few of Mr. Wallace's comments, but had a concern that the scope of the questionnaire has changed to included broader concerns instead of just path discovery and validation. A group discussion began on the purpose of the questionnaire and how it would be beneficial to provide the answers the PD-VAL WG were looking for from the vendors. During this discussion, there were some members who were concerned that the questionnaire did not sufficiently cover both clients and servers and the suggestion was given to have two separate questionnaires, one for clients and the other for servers. One solution was to have a general capabilities section listing the questions with adjacent check boxes denoting if the device is a client, server or if the question is non-applicable. The questionnaire could also include a general comment section to provide the vendors a means to further qualify their products. Another solution was to have two separate questionnaires, one for the client and one for the server. After an extended discussion, no consensus was reached on an acceptable solution and the resolution was postponed until the next scheduled PD-VAL WG meeting.

Action Item 15: David Cooper will provide a final draft of the questionnaire that address the group's concerns by 18 February.

Agenda Item 3

Federal PKI Interim Validation Solution Update

Mr. Andrew Lins provided an update on the previous issue of both the Production Federal PKI and the State of Illinois directories failing while performing validation stress testing with the CAM. He stated that a lot of script testing was done and the test was rerun with Illinois and the problem persisted. He said that after reviewing some of the logs, there seem to be two issues causing the failures: first, the Siemens directory at the State of Illinois seem to have some issues when it receives many queries and second, the ISODE directory had a similar issue; it failed when it received a lot of queries requiring chaining to the State of Illinois. In the case of the Production FPKI directory, it seems to be a Windows problem. Mr. Lins stated that he believes that the problem may stem from the fact the ISODE directory originated on a UNIX platform and was not tested properly when converting it to work in a Windows environment. He said that ISODE had a directory patch that he downloaded from the ISODE support site that may resolve this issue. He stated that two things will be done to resolve this problem:

1) Another test will be done the following day [11 February] with DST to observe if the same problem occurs on the FPKIA or the DST directory, and

2) The following week, two more tests will be done with the ISODE patch installed, and initially run the test with the State of Illinois and then with DST to observe any change.

Agenda Item 4

Validation Service Assessment Framework Review

David Simonetti presented the Validation Service Assessment Framework document for review after including the comment changes from the previous meeting along with several other modifications he had made. The group reviewed the document and agreed upon Mr. Simonetti's modifications and made additional changes to the document. The final draft will be reviewed again during the next PD-VAL meeting.

Action Item 16: David Simonetti will provide a final draft, with the additional changes, of the VSAF document by 18 February.

Action Item 17: Cheryl Jenkins will include NARA language on logging to the VSAF document.

Agenda Item 5

Other Topics

No other topics were discussed.

Agenda Item 6

Next Meeting Plans / Meeting Adjourned:

The next PD-VAL Meeting is scheduled for 25 February 2005 from 09:30 am-4:00 pm at the NIST North facility, Room 660, Gaithersburg, MD.

The meeting adjourned at 4:00 pm

D.   PD-VAL CURRENT ACTION ITEMS

No.	Action Statement	POC	Start Date	Target Date	Status
FY04 001	Coordinate efforts for agencies to participate in an e-mail signing demonstration	Brian Dilley, eValid8 Cheryl Jenkins, GSA		30 Oct 2003	**Closed The e-mail signing demo has been placed on hold until the FPKI certificate profile is modified and the Microsoft Outlook 2000 is fully patched with registry changes to interoperate with the FPKI architecture – See EED Report (cio.gov**
FY04 003	Provide Microsoft Summary Report from NIST Test Suite finding	David Cooper, NIST Tim Polk, NIST		30 Oct 2003	**Closed NIST received this report under NDA and provided the group with an limited overview.**
FY04 008	Coordinate with both Department of the Treasury and USDA/NFC about any future responsibilities or contributions for the FBCA demo testing.	Andrew Lins, Mitretek Ken Stillson, Mitretek	30 Oct 2003	20 Nov 2003	**Closed**
FY04 010	Request evaluation copies of the next version of the RSA and Entrust CAs for testing.	Andrew Lins Mitretek	30 Oct 2003	20 Nov 2003	**Closed S/W pending**
FY05-01	Make draft questionnaire of PD-VAL products for E-Auth Test Lab to the E-Auth PM (Vendors Validation Matrix).	David Cooper, NIST	14 Oct 2004 PD-VAL meeting	25 Jan 2005	**Closed**
FY05-010	Distribute the EED Plan & Results document to PD-VAL WG	Darryl Clemons IATAC	9 Dec 2004 PD-VAL meeting	17 Dec 2004	**Closed**
FY05-011	Incorporate the comment changes to the final VSAF document	David Simonetti Enspier	27 Jan 2005 PD-VAL meeting	4 Feb 2005	**Closed**
FY05-012	Draft FISMA language to section 5.3.1, Subcontractor section on the table in the VSAF	Cheryl Jenkins GSA	27 Jan 2005 PD-VAL meeting	4 Feb 2005	**Closed**
FY05-013	Provide Corestreet's presentation slides to the PD-VAL website for distribution	Brent Petrick GSA	27 Jan 2005 PD-VAL meeting	31 Jan 2005	**Closed**

FY05-014	Incorporate changes to complete the Final Draft of the VSAF document	David Simonetti Enspier	10 Feb 2005 PD-VAL meeting	17 Feb 2005	**Closed**
FY05-015	Draft NARA logging language into the VSAF document	Cheryl Jenkins GSA	10 Feb 2005 PD-VAL meeting	17 Feb 2005	**Closed The group decided that the validation was not a systems of record. Therefore, no NARA requirements were added to the VSAF.**
FY05-016	Complete the Final Draft of the questionnaire	David Cooper NIST	10 Feb 2005 PD-VAL meeting	17 Jan 2005	**Closed**