

IPv6

Minutes – November 2, 2005 Conference Call

Attendees:

Dave Cheplick
Steve Pirzchalski
Jim Carlson
Valerie Kiraly
Kim Johnson
Dick Culp

Dave Bradley
Sam Georgeson
Anamaria Matos
Minh Nguyen
Steven Kish
Sandra Lampo

Roger ?
Ron Reuschling
Harry Risk
Cathlin Dollar

November 15 Deliverable to OMB

- The inventory document (Attachment A) has been completed and formatted and the most recent version has been posted to the website. The inventory includes routers, switches and firewalls.
- There have been some issues with the Adobe software and currently the document is not printing correctly. These issues will be worked out shortly. This is of importance since for the larger inventory to be done next year, we want everyone to use the Adobe software.

IPv6 Website Changes

- Kim has made changes to the website including the calendar of events which should include most of the currently available information.
- The November 15 response (draft) has just been posted.
- Comments/Suggestions for changes:
 - Under IP6 Latest News – Separate the VA and Government from the commercial information; change the titles of the documents to be more meaningful
 - IPv6 Summit – Reduce the graphic to make this less prominent.Anamaria had some additional changes which she reviewed with Kim off-line.

OAMM Contract Clause Language - No update.

ARIN (American Registry for Internet Numbers) Meeting

The Director for ARIN will join the conference call at the next registry meeting. All who are interested should join the conference call. Included in the topics for discussion are the procedures for obtaining IPv6 resources and how to get blocks of numbers for large enterprises.

Team (Subgroup) Formation

- Steve's October 22nd email, following up on Bob McFarland's memo, was to let people know that support was needed and to get more people involved in the subgroups. The aim of the subgroups is to document the issues raised by the upcoming change and propose strategies for handling the issues.
- There will be four subgroups: Training, Transition, Registry, Enterprise Strategy
- A request was made that in order to make it easier to get the right people involved, some additional information would be helpful such as:
 - Description of the tasks
 - Types of people (technical vs. business)
 - Amount of time required

General Topics

- IPv6 Summit – Those who volunteer at the summit will be able to attend the conference for free.

IPv6

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- Currently we are not aware of any cross agency communication being coordinated on this issue. Dave will research this and bring any information to the next meeting.

The next IPv6 meeting will be held in two weeks.

Action Items

	Description	Owner	Date Assigned	Status
1	IPv6 Website Modifications: <ul style="list-style-type: none">• Under IP6 Latest News – Separate the VA and Government from the commercial information• Change the titles of the documents to be more meaningful• IPv6 Summit – Reduce the graphic to make this less prominent.	Kim Johnson	11/2/05	Assigned
2	Research the potential for cross agency communication	Dave Cheplick	11/2/05	Assigned

IPv6

Minutes – November 16, 2005 Conference Call

Attendees:

Dave Cheplick	Reginald Terrell	Harry Risk
Steve Pirzchalski	Rick Shew	Shawn Battle
Jim Carlson	John Deltognoarmanasco	Cathlin Dollar
Valerie Kiraly	Minh Nguyen	
Dick Culp	Steven Kish	
Lee Smith	Sandra Lampo	

General

- Minutes from the November 2nd meeting were reviewed. There were no additions/corrections.
- We have received some unsolicited proposals from vendors to help with inventory. Steve will forward to interested parties. These proposals can at least provide some insight into what others think is involved in inventory and their methodologies.
- CIO Council Update – To date we have not received any guidance

OMB Deliverables

- The November 15th document was completed and delivered to OMB on time. For this deliverable the VA was required to do the following:
 - Name an individual to lead the transition
 - Inventory the existing routers, switches, and firewalls
 - Begin an inventory of other equipment
 - Begin the impact analysis
- The next deliverable is due in **February 2006** (approximately 10 weeks from now) and is to include:
 - Completed transition plan
 - Progress report on the inventory
 - Progress report on the impact analysis

IPv6 Website Changes

- The November 15 final response will be available on the website.

Subgroup Formation

- Four subgroups have been formed with members having expertise in differing areas. The groups had their initial formation meetings last week which were well attended. The following Co-Chairs were appointed:
 - Training: Sue Hotzler, Rick Shew
 - Transition: Mike Quinn, Scotty Johnson, Wes Crum
 - Registry: John Deltognoarmanasco, Steve Pirzchalski
 - Enterprise Strategy: Dick Culp, Steve Pirzchalski
- Each group will have responsibility for a portion of the February deliverable. Steve is talking with the co-chairs and setting up a framework for how to move forward. Initial subgroup meetings should be starting next week.
- Several people have mentioned that we don't yet have full participation. Steve is working to get more involvement.

OAMM Contract Clause Language

IPv6

Minutes – November 16, 2005 Conference Call

- Dave is still researching this. In general, the guidance is that ‘...all components / products need to be compatible with IPv6..’

ARIN (American Registry for Internet Numbers) Meeting

Steve will be sending out an email with the agenda.

Next Meeting: December 14th at 2:30 pm (Room 728).

Action Items

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1	IPv6 Website Modifications: <ul style="list-style-type: none">• Under IP6 Latest News – Separate the VA and Government from the commercial information• Change the titles of the documents to be more meaningful• IPv6 Summit – Reduce the graphic to make this less prominent.	Kim Johnson	11/2/05	In Progress
2	Research the potential for cross agency communication	Dave Cheplick	11/2/05	In Progress
3	Raise IPv6 at the next GSA - Networx meeting (scheduled for Dec 8)	Jim Carlson	11/16/05	

Attendees:

Steve Pirzchalski Dick Culp Valerie Kiraly Dave Bradley Marc Haynes	Shawn Battle Ron Reuschling Harry Risk Kim Johnson
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IPv6 Summit Update

At the Summit we got news that the OMB has changed their requirements for the February 2006 deliverable. Originally we had understood that the deliverables included a transition plan and the progress report on inventory and risk analysis. From the November 15th document:

“Although agencies are expected to develop a detailed IPv6 transition plan as part of their regular project management activities, agencies do not need to include this particular document as part of their February 2006 EA assessment. Rather, OMB will be reviewing agency EA Transition Strategies in order to gauge progress towards the June 30, 2006 EA deadline. Agencies should submit their EA Transition Strategy document as part of the February 2006 EA assessment. Agency EA Transition Strategies should reflect IPv6 key activities, timelines, milestones, and dependencies.”

To view the entire nine page document, you can go to:

http://www.cio.gov/documents/Integrating_IPv6_into_Agency_EA_Planning.doc .

Section 2.2.3 (page 6) discusses the Transition Strategy.

We need to determine what our critical milestones are and provide them to the EA group so they can include them as a part of the February 2006 submission. It is our understanding that the EA document has a section that deals with transitions.

Training for the IPv6 Working Groups

A number of the Subgroup members feel that it would be very helpful for the working groups if everyone could get together for 1 to 2 days of training. This way everyone would have the same basic level of knowledge. Steve is researching a time in the 2nd of 3rd week of January. OPM has a center in West Virginia that might be available. Steve will research the possibility of funding from Central Office.

Subgroup Updates

- **Registry** – The group met last week and agreed that a /32 address space for IPv6 would be sufficient for the agency.
 - When allocating a block of addresses, ARIN is currently reserving space on both sides of the block. These contiguous addresses will be available to us in the future should we need them.
 - At this time, the /32 space gives us more addresses than we can possibly use for as far as we can foresee. (Other smaller government agencies are getting /48.)
- **Training** - The group is working to define the different training audiences and the type of training that would be appropriate at each level. They are also trying to get other agencies' training plans to see how others are approaching the issue.

General

- The group decided that it would be helpful for information flow to have the co-chairs of the Subgroups to participate in the steering committee calls. This will help ensure that each group knows what the others are doing.
- We will set up a distribution list for the Steering Committee.
- The Steering Committee needs to define a process for the Subgroups. Generally speaking, individuals need to discuss actions with their working groups, and then get approval from the Steering Committee, particularly if it involves funding. This process needs to be clarified at next call for each Subgroup.
- Update on the Website – Kim is still revising the site. It should be available before January.

Next Meeting: January 4, 2006; 2:30 PM; Conference Bridge PIN: 44454; Room 728

Action Items

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1	IPv6 Website Modifications: <ul style="list-style-type: none">• Under IP6 Latest News – Separate the VA and Government from the commercial information• Change the titles of the documents to be more meaningful• IPv6 Summit – Reduce the graphic to make this less prominent.	Kim Johnson	11/2/05	In Progress
2	Research the potential for cross agency communication	Dave Cheplick	11/2/05	In Progress
3	Raise IPv6 at the next GSA - Networx meeting	Jim Carlson	11/16/05	Assigned
4	Establish a distribution list for the Steering Committee	Cathlin Dollar / Valerie Kiraly	12/14/05	Assigned
5	Inform Co-chairs of the Steering Committee meetings	Cathlin Dollar	12/14/05	Assigned

Attendees:

Steve Pirzchalski Dave Cheplick Dave Bradley Marc Haynes Jim Carlson Minh Nguyen Jay McGuerty	Steven Kish Anamaria Matos Wes Crum Rick Shew Valerie Kiraly Cathlin Dollar
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Update on Recent IPv6 Activity

- Since November, our two points of contact at OMB have changed jobs and left the agency. To fill the gap, Dick Burk (Chief Architect, OMB) has brought in Debbie Painko temporarily to fill the gap.
- We have received additional guidance for our February deliverables via a publication from the CIO Council. The document (Chapter 1 – Integrating IPv6 into Agency EA Planning) has been uploaded to SharePoint to the CIO Council Guidance folder. There will eventually be four chapters with IPv6 implementation guidance.
- Dick Burk has also sent out an email that mirrors this draft guidance, the purpose is to help everyone understand the importance of the project and what the OMB is looking for. This is NOT an official memo (like the Karen Evans memo), so we have sent an email to the current OMB contact asking if we will get a formal memo from them.
- The information in Chapter 1 changed our February deliverables. We do not have to send our complete Transition Plan to the OMB, but we do need to develop project Milestones which will be submitted to OMB as a part of the VA’s Quarterly Enterprise Architecture submission. In addition, we also have to submit our Progress Report for the Inventory and Impact Analysis tasks.
- VA Enterprise Architecture has prepared a document to provide us guidance for our tasks. The document (Enterprise Architecture Guidance for VA IPv6 Transition) has been loaded to the Enterprise Architecture folder on SharePoint. It is important for the participants of this call (and the Subgroup members) to review the document and make sure that you are comfortable with the contents as it relates to your area.

Training Update

- In previous meetings the need for training of the members of the Steering Committee and the subgroups had been discussed. Steve has researched the availability of the training facility in Shepherdstown WV for 2 or 3 days in February. There are three available dates in February: 1st – 3rd, 8th – 10th, or 22nd – 24th.
- Next Wednesday Steve will be talking with Sally Wallace about the feasibility of getting travel funds for this. Prior to meeting with Sally, he will write a short justification for this expense and send to this group for review and agreement.
- Additional upcoming training opportunities:
 - InfoSec (April 4-5) – there will be a general session and seven individual courses. The Training Subgroup is researching how to make this information available to those who cannot attend (downloadable presentation materials, audio feed, video feed etc).

Subgroup Updates

- *Training* (Rick Shew) – The training group has sent out a survey to which a number of people have responded. The Training group will be using the information to help determine what audiences will

need to be trained and what training is needed. They will coordinate training delivery timeframes with the transition group. They are also looking at other resources and looking for input about possible vendors.

- *Transition* (Wes Crum) – The group is getting a handle on the milestones that are due in February. He raised questions about the inventory. Dave Cheplick stated that we are now unclear whether the scope of the second inventory is changing and if the future additional guidance affect the breadth of the inventory.
- *Registry* (Steve Pirzchalski) – The group has met several times and agreed at the subgroup level to request a /32 address space. They have ARIN request form have started working on the request. There was some discussion about the ARIN request and whether we should wait and try to coordinate our request with those of other agencies (through OMB). The consensus was that we should not wait since we want the addresses as soon as possible and need to start long range planning and testing.
- *Enterprise Strategy* – This group has not met since the initial meeting. Will start back up soon.

February 28th Deliverable

- The identification of the Milestones is the responsibility of the Transition group. These will be provided to the Enterprise Architecture group for inclusion in the February submittal.
- Impact Analysis – We will get input from the subgroups and from the various documents that have been produced and this information will feed into the Impact Analysis.
- Progress Reports – We are trying to get some technical people from SAIC to assist with the progress reports and other upcoming deliverables.

Funding / Budget

Sally has requested a detailed plan outlining what support will needed. Steve is developing this justification for the assistance we will need for the next several years to do both the planning and the transition.

Next Meeting: February 1, 2006; 2:30 PM; Conference Bridge PIN: 44454; Room 342

Action Items

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1	IPv6 Website Modifications: <ul style="list-style-type: none"> • Under IP6 Latest News – Separate the VA and Government from the commercial information • Change the titles of the documents to be more meaningful • IPv6 Summit – Reduce the graphic to make this less prominent. 	Kim Johnson	11/2/05	In Progress
2	Research the potential for cross agency communication	Dave Cheplick	11/2/05	In Progress
3	Raise IPv6 at the next GSA - Networx meeting	Jim Carlson	11/16/05	Assigned
4	Write short justification for CO funding of the IPv6 training (2-3 days) off-site in WV. Distribute for comments/suggestions/agreement.	Steve Pirzchalski	1/18/06	Assigned

Attendees:

Steve Pirzchalski Valerie Kiraly Jim Carlson Anamaria Matos Dave Bradley	Sue Hotzler Chi Yu Jay McGuerty Wes Crum Dick Culp
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General

- Steve said a detailed plan was presented to obtain monies for the IPv6 Transition effort. The result was the transition initiative gained \$1 million for training, inventory assistance and program support.
- The next deliverable is due Feb 28 to OMB. Milestones and Status Report will be finalized by end of next week.
- There is an EA Planning meeting in Nevada that Dave and Steve are going to.
- CIO Council's chapter 2 guidance is due out next week.
- **Transition** - Wes gave an update on transition workgroup activities, which include milestones, status report and impact analysis.
- **Training** – Sue gave an update on the training workgroup activities. Milestones were drafted by the group and coordinated.
- Discussion on the 2nd inventory took place. WAN manager's meeting was attended and the inventory issue was mentioned.
- It was mentioned that the milestones being developed need to go to the Steering committee along with the status report draft for approval.
- Steering Committee needs backbone definition.
- A review of purchase requirements for IPv6 capability is needed from PCHS office.
- Discussion followed on IPv6 compliance standards. Currently industry has 4 competing standards and a compliance logo is being developed.

Next Meeting: TBD

Action Items

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2	Research the potential for cross agency communication	Dave Cheplick	11/2/05	In Progress
3	Raise IPv6 at the next GSA - Networx meeting	Jim Carlson	11/16/05	Assigned
4	Establish a distribution list for the Steering Committee	Cathlin Dollar / Valerie Kiraly	12/14/05	Completed
5	Inform Co-chairs of the Steering Committee meetings	Cathlin Dollar	12/14/05	Assigned
6	Forward milestones to Steering Committee for approval	Valerie Kiraly	2/1/06	Assigned
7	Backbone definition forwarded to Steering Committee	Valerie Kiraly	2/1/06	Assigned
8	Investigate PCHS contract/office			Not assigned

Attendees:

Shawn Battle Dave Bradley Wes Crum Valerie Kiraly Sandy Lampo David McCauley Steve Pirzchalski Meredith York

General

- This adhoc meeting was called to ratify two documents. The [GAO IPv6 Early Adopters Information Request](#) and the [IPv6 Transition Milestone Plan](#) for the Feb 28th deliverable to OMB. Both documents were sent to the committee via email before the meeting.
- The GAO questionnaire was reviewed item by item and responses agreed to.
- The milestone document with attached gantt chart was also presented to the group and no changes were requested.
- Therefore, Steve Pirzchalski, VA IPv6 Transition Manager, announced both documents are now ratified by the IPv6 Steering Committee

Next Meeting: Wednesday, March 1, 2006; 2:30 PM; Conference Bridge PIN: 44454

Action Items

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