

VPIM

Voice Profile for Internet Mail

<http://www.ema.org/vpim>
<http://www.vpim.org>

VPIM WG chair: Glenn Parsons <gparsons@nortelnetworks.com>

Mailing list: vpim@lists.neystadt.org
To subscribe: send a message to majordomo@lists.neystadt.org
with 'subscribe VPIM' as the body

Today is not Friday!

Agenda

- 09:00 – Welcome & Agenda Bashing (5 min)
- 09:05 – Charter & Milestone discussion (10 min)
- 09:15 – VPIM v2 to Draft Standard (10 min)
- Voice Profile for Internet Mail - version 2 (IETF Last Call) (Greg Vaudreuil)
 - draft-ietf-*vpim-vpimv2r2-04.txt* Oct 25, 2001
 - draft-ietf-*vpim-vpimv2r2-32k-02.txt* Oct 25, 2001
 - draft-ietf-*vpim-vpimv2r2-dur-02.txt* Oct 25, 2001
- MDN drafts (Tony Hansen/Greg Vaudreuil)
 - draft-*vaudreuil-mdnbis-01.txt* Nov 4, 2001
- DSN drafts (Greg Vaudreuil)
 - draft-*moore-1891bis-00.txt* June 21, 2001
 - draft-*vaudreuil-1892bis-00.txt* June 15, 2001
 - draft-*vaudreuil-1893bis-00.txt* June 15, 2001
 - draft-*vaudreuil-1893ext-01.txt* Nov 6, 2001

Agenda (cont'd)

- 09:25 – VPIM Addressing (Glenn Parsons) (5 min)
 - draft-ietf-vpim-address-02.txt Oct 26, 2001

- 09:30 – VPIM Directory (Greg Vaudreuil) (15 min)
 - Voice Messaging Directory Service (schema)
 - draft-ietf-vpim-vpimdir-01.txt Nov 16, 2001
 - Voice Message Routing Service
 - draft-ietf-vpim-routing-02.txt Oct 29, 2001

Agenda (cont'd)

- 9:45 – IVM (60 min)
 - Goals for Internet Voice Mail
 - draft-ietf-vpim-ivm-goals-03.txt June 15, 2001
 - Message Context for Internet Mail
 - draft-ietf-vpim-hint-07.txt June 5, 2001
 - Critical Content of Internet Mail
 - draft-ietf-vpim-cc-04.txt March 30, 2001
 - Internet Voice Messaging
 - draft-ietf-vpim-ivm-03.txt Nov 29, 2001
 - audio/wav with MS-GSM or G.711 codec
 - draft-ema-vpim-msgsm-00.txt April 1, 1999 (deleted)
 - draft-ema-vpim-wav-00.txt June 20, 1999 (deleted)

Agenda (cont'd)

- 10:45 – VPIM Addenda (20 min)
 - Using the BINARY & CHANNEL IMAP extensions for VPIM Messages
 - Draft-nerenberg-imap-channel-01.txt Nov 27, 2001
 - Draft-nerenberg-imap-binary-05.txt Sept 20, 2001
 - Voice Messaging Client Behaviour
 - draft-ema-vpim-cb-02.txt July 2001
 - Calling Line Identification for VPIM Messages
 - draft-ema-vpim-clid-02.txt July 2001
 - SIP MWI (Rohan Mahy)
 - draft-mahy-sip-message-waiting-02.txt July 2001
 - Splitting Notification format from transport (Noam Shapira)
 - draft-shapira-snap-02.txt Nov 21, 2001

- 11:05 - VPIM Re Charter Discussion (20 min)

- 11:25 – Wrap Up (5 min)

EMA Forum

- EMA Forum is the website host
 - <http://www.vpim.org>
 - <http://www.ema.org/vpim>
- EMA transferred to The Open Group in January 2001
 - EMA Forum -- <http://www.ema.org>
- VPIM WG in the EMA Forum
 - Marketing and Education
 - Sponsor of interop testing events
 - Maintainer of VPIM Test Suite
 - Registrar for VPIM v2 Declarations
 - Repository for VPIM interop testing information

VPIM WG Topics

VPIM v2

- VPIM v2 revision

IVM

- IVM goals
- IVM profile
- Critical Content
- Message Context
- Codec
 - MS-GSMasWAV
 - G.711as raw
- IVM - VPIM v2 interworking

VPIM Addenda

- VPIM addressing
- VPIM directory schema
- VPIM directory architecture (ENUM)
- VPIM client extensions
 - IMAP Binary
 - IMAP Alternate channel
 - CLID
 - Client behaviour
 - Notifications

VPIM WG Milestones

Jun 00	Document interworking VPIM v2 implementations
Jul 00	Issue updated Internet Drafts of IVM/VPIM v3 Goals, IVM/VPIM v3 Specification and related
Aug 00	Issue updated Internet Drafts of VPIM addressing
Aug 00	Issue updated Internet Drafts of VPIM directory
Aug 00	Issue updated VPIM v2 Internet Draft
Aug 00	WG last call on VPIM v3 Goals as Informational RFC
Sep 00	Issue updated Internet Drafts of VPIM IMAP extensions
Sep 00	Issue revised VPIM v3 Specification and related protocol documents as Internet Drafts
Oct 00	WG last call on IVM/VPIM v3 Specification and related protocol documents as Proposed Standards RFCs
Oct 00	Submit IVM/VPIM v3 Goals to IESG for consideration as Informational RFC
Oct 00	Submit VPIM addressing to IESG for consideration as a Proposed Standard
Oct 00	WG last call on revised VPIM v2 for Draft Standard
Nov 00	Submit VPIM v2 to IESG for consideration as a Draft Standard RFC
Nov 00	Submit IVM/VPIM v3 et al to IESG for consideration as a Proposed Standard
Nov 00	WG last call on VPIM IMAP extensions as Standards Track RFC
Dec 00	Submit VPIM IMAP extensions to IESG for consideration as Standards Track RFC
Dec 00	WG last call on VPIM addressing as Standards Track RFC
Dec 00	WG last call on VPIM directory profile as Standards Track RFC
Jan 01	Submit VPIM addressing to IESG for consideration as Standards Track RFC
Jan 01	Submit VPIM directory to IESG for consideration as Standards Track RFC
Jan 01	WG last call on IVM/VPIM v3 content negotiation as Proposed Standard RFC
Feb 01	Submit VPIM content negotiation to IESG for consideration as Proposed Standard RFC
Mar 01	Review final work items and close

VPIM WG Milestones

IETF 49

- Done Document interworking VPIM v2 implementations
- Done Issue updated Internet Drafts of IVM Goals, IVM Specification and related
- Done Issue updated Internet Drafts of VPIM addressing
- Done Issue updated Internet Drafts of VPIM directory
- Done Issue updated VPIM v2 Internet Draft
- Jan 01 WG last call on IVM Goals as Informational RFC
- Done Issue updated Internet Drafts of VPIM IMAP extensions
- Done Issue revised IVM Specification and related protocol documents as Internet Drafts
- Feb 01 WG last call on IVM Specification and related protocol documents as Proposed Standards RFCs
- Feb 01 Submit IVM Goals to IESG for consideration as Informational RFC

- Jan 01 WG last call on revised VPIM v2 for Draft Standard
- Feb 01 Submit VPIM v2 to IESG for consideration as a Draft Standard RFC
- Mar 01 Submit IVM et al to IESG for consideration as a Proposed Standard
- Jan 01 WG last call on VPIM IMAP extensions as Standards Track RFC
- Feb 01 Submit VPIM IMAP extensions to IESG for consideration as Standards Track RFC
- Done WG last call on VPIM addressing as Standards Track RFC
- Jan 01 WG last call on VPIM directory profile as Standards Track RFC
- Jan 01 Submit VPIM addressing to IESG for consideration as Standards Track RFC
- Feb 01 Submit VPIM directory to IESG for consideration as Standards Track RFC
- Feb 01 WG last call on IVM content negotiation as Proposed Standard RFC
- Mar 01 Submit VPIM content negotiation to IESG for consideration as Proposed Standard RFC
- Mar 01 Review final work items and close

Revised VPIM WG Milestones

IETF 50

- Done Document interworking VPIM v2 implementations
- Done Issue updated Internet Drafts of IVM Goals, IVM Specification and related
- Done Issue updated Internet Drafts of VPIM addressing
- Done Issue updated Internet Drafts of VPIM directory
- Done Issue updated VPIM v2 Internet Draft
- Mar 01 WG last call on IVM Goals as Informational RFC
- Done Issue updated Internet Drafts of VPIM IMAP extensions
- Done Issue revised IVM Specification and related protocol documents as Internet Drafts
- Apr 01 WG last call on IVM Specification and related protocol documents as Proposed Standards RFCs
- Apr 01 Submit IVM Goals to IESG for consideration as Informational RFC

- Mar 01 WG last call on revised VPIM v2 for Draft Standard
- Apr 01 Submit VPIM v2 to IESG for consideration as a Draft Standard RFC
- Apr 01 Submit IVM et al to IESG for consideration as a Proposed Standard
- Apr 01 WG last call on VPIM IMAP extensions as Standards Track RFC
- May 01 Submit VPIM IMAP extensions to IESG for consideration as Standards Track RFC
- Done WG last call on VPIM addressing as Standards Track RFC
- Apr 01 WG last call on VPIM directory profile as Standards Track RFC
- Mar 01 Submit VPIM addressing to IESG for consideration as Standards Track RFC
- Apr 01 Submit VPIM directory to IESG for consideration as Standards Track RFC
- Jun 01 WG last call on IVM content negotiation as Proposed Standard RFC
- Jul 01 Submit VPIM content negotiation to IESG for consideration as Proposed Standard RFC
- Aug 01 Review final work items and close

Revised VPIM WG Milestones

IETF 51

- Done Document interworking VPIM v2 implementations
- Done Issue updated Internet Drafts of IVM Goals, IVM Specification and related
- Done Issue updated Internet Drafts of VPIM addressing
- Done Issue updated Internet Drafts of VPIM directory
- Done Issue updated VPIM v2 Internet Draft
- Done WG last call on IVM Goals as Informational RFC
- Done Issue updated Internet Drafts of VPIM IMAP extensions
- Done Issue revised IVM Specification and related protocol documents as Internet Drafts
- Aug 01 WG last call on IVM Specification and related protocol documents as Proposed Standards RFCs
- Done Submit IVM Goals to IESG for consideration as Informational RFC

- Done WG last call on revised VPIM v2 for Draft Standard
- Done Submit VPIM v2 to IESG for consideration as a Draft Standard RFC
- Sep 01 Submit IVM et al to IESG for consideration as a Proposed Standard
- Sep 01 WG last call on VPIM client extensions as Standards Track RFC
- Oct 01 Submit VPIM client extensions to IESG for consideration as Standards Track RFC
- Done WG last call on VPIM addressing as Standards Track RFC
- Sep 01 WG last call on VPIM directory profiles as Standards Track RFC
- Done Submit VPIM addressing to IESG for consideration as Standards Track RFC
- Oct 01 Submit VPIM directory to IESG for consideration as Standards Track RFC
- Nov 01 WG last call on IVM content negotiation as Proposed Standard RFC
- Nov 01 Submit VPIM content negotiation to IESG for consideration as Proposed Standard RFC
- Dec 01 Review final work items and close

Revised VPIM WG Milestones

- Done Document interworking VPIM v2 implementations
- Done Issue updated Internet Drafts of IVM Goals, IVM Specification and related
- Done Issue updated Internet Drafts of VPIM addressing
- Done Issue updated Internet Drafts of VPIM directory
- Done Issue updated VPIM v2 Internet Draft
- Done WG last call on IVM Goals as Informational RFC
- Done Issue updated Internet Drafts of VPIM IMAP extensions
- Done Issue revised IVM Specification and related protocol documents as Internet Drafts
- Dec 01 WG last call on IVM Specification and related protocol documents as Proposed Standards RFCs
- Done Submit IVM Goals to IESG for consideration as Informational RFC

- Done WG last call on revised VPIM v2 for Draft Standard
- Done Submit VPIM v2 to IESG for consideration as a Draft Standard RFC
- Jan 02 Submit IVM et al to IESG for consideration as a Proposed Standard
- Done WG last call on VPIM client extensions as Standards Track RFC
- Jan 02 Submit VPIM client extensions to IESG for consideration as Standards Track RFC
- Done WG last call on VPIM addressing as Standards Track RFC
- Jan 02 WG last call on VPIM directory profiles as Standards Track RFC
- Done Submit VPIM addressing to IESG for consideration as Standards Track RFC
- Feb 02 Submit VPIM directory to IESG for consideration as Standards Track RFC

- Mar 02 Review final work items and close

VPIM v2 to Draft Standard Interoperability Website

- Process onus on vendor
 - Declaration of Compatibility
 - List all features implemented
 - Currently 15 listed products
 - Declaration of Interoperability
 - Results of inter-vendor testing
 - Currently 50 listed tests
 - Includes all previous bakeoff results
 - EMA Forum is Registrar and repository of Declarations
- All Results
 - <http://www.ema.org/vpim/conformance/conformance.html>
- Interop Report to support VPIM v2 as a Draft Standard
 - <http://www.ietf.org/IESG/Implementations/VPIM-Implementation.txt>

VPIM v2 Revision

<draft-ietf-vpim-vpimv2r2-04.txt>

Glenn Parsons & Greg Vaudreuil

- Includes *<draft-ietf-vpim-vpimv2r2-vm-00.txt>*
- WG last call completed May 16, 2001
- Sent for AD review June 6, 2001
- IETF last call ending Dec 31, 2001

Toll Quality Voice - 32 kbit/s ADPCM MIME Sub-type Registration

<draft-ietf-vpim-vpimv2r2-32k-02.txt>

Glenn Parsons & Greg Vaudreuil

- WG last call completed May 16, 2001
- Sent for AD review June 6, 2001
- IETF last call ending Dec 31, 2001

Content Duration MIME Header Definition

<draft-ietf-vpim-vpimv2r2-dur-02.txt>

Glenn Parsons & Greg Vaudreuil

- WG last call completed May 16, 2001
- Sent for AD review June 6, 2001
- IETF last call ending Dec 31, 2001

VPIM v2 is (nearly) done...
so the authors went skiing!



MDN Update for Draft Standard

draft-vaudreuil-mdnbis-01.txt

Tony Hansen & Greg Vaudreuil

DSN Update for Draft Standard

draft-vaudreuil-1891bis-00.txt

draft-vaudreuil-1892bis-00.txt

draft-vaudreuil-1893bis-00.txt

draft-vaudreuil-1893ext-00.txt

Keith Moore & Greg Vaudreuil

VPIM Addressing

<draft-ietf-vpim-address-02.txt>

Glenn Parsons

This document lists the various VPIM email addresses that are currently in common use and defines several new address formats for special case usage.

- **WG last call completed Dec 6, 2000**
- **Sent for AD review April 27, 2001**
- **IETF last call ends Dec 31, 2001**

Voice Messaging Directory Service

<draft-ietf-vpim-vpimdir-01.txt>

Greg Vaudreuil

- Editors need to clean up ASN.1 & BNF
- Add in codec identification
- Make subclass of inetOrgPerson

Voice Messaging Routing Service

<draft-ietf-vpim-routing-02.txt>

Greg Vaudreuil

Internet Voice Mail

(IVM)

Goals for Internet Voice Mail

<draft-ietf-vpim-ivm-goals-01.txt>

Emily Candell

- WG last call completed May 25, 2001
- Sent for AD review June 19, 2001
- Approved, waiting for rest of IVM

Message Context for Internet Mail

<draft-ietf-vpim-hint-07.txt>

Eric Burger, Emily Candell, Charles Eliot & Graham Klyne

- WG last call completed June 18, 2001
- Sent for AD review July 9, 2001
- IETF Last Call requested Dec 2001

Critical Content of Internet Mail

<draft-ietf-vpim-cc-04.txt>

Eric Burger

- WG last call completed June 18, 2001
- Sent for AD review July 9, 2001
- IETF Last Call requested Dec 2001

Internet Voice Messaging

<draft-ietf-vpim-ivm-02.txt>

Stuart McRae & Glenn Parsons

IVM Codec Discussion

audio/msgsm Specification

<draft-ema-vpim-msgsm-00.txt>

Greg Baribault, Erik Hedberg & Laile Di Silvestro

This document describes a new audio content type for Microsoft GSM -- a common desktop codec -- for use with VPIM v3. The differences from ETSI GSM 6.10 are also described.

audio/wav Specification

<draft-ema-vpim-wav-00.txt>

Greg Baribault & Laile Di Silvestro

This document describes the audio content type for carrying Microsoft WAV audio files. This formalizes a long used defacto content type.

BTW, this document is wrong!

Codec Consensus

Mandatory to receive and play

- MS-GSM as WAV
 - Audio/wav
- G.711 as raw
 - Audio/basic
- **Both** - consensus at IETF 50

VPIM Addenda

IMAP Extensions

- Discussion on IMAP-VOICE mailing list
 - <http://www.imc.org/ietf-imap-voice/>
- Binary - draft-nerenberg-imap-binary-05.txt
 - Binary fetch of body parts
 - Will allow fetching real binary size
- Channel - draft-nerenberg-imap-channel-01.txt
 - Indication to send body part to another channel (e.g., RTSP)
 - Profile to be written to help explain application
 - Playback audio on a telephone
 - Stream video playback to desktop viewer

Voice Messaging Client Behaviour

<draft-ema-vpim-cb-01.txt>

Janusz Maruszak & Glenn Parsons

- WG last call to informational ended August 23, 2001
- AD review requested Sept 25, 2001

Calling Line Identification for VPIM Messages

<draft-ema-vpim-clid-01.txt>

Janusz Maruszak & Glenn Parsons

- Minimal header for analog line CLID in unstructured header

To: +19725551212@vm1.mycompany.com

Caller-ID: 6137684087

Caller-Name: Derrick Dunne

- WG last call to informational ended August 23, 2001
- Outstanding action on Greg to provide structured syntax

SIP MWI Update

SIP Extensions for Message Waiting Indication

<draft-mahy-sip-message waiting-02.txt>

Rohan Mahy

SNAP

Simple Notification and Alarm Protocol

<draft-shapira-snap-02.txt>

Noam Shapira

Current WG Focus

- VPIM v2 progression to Draft Standard
 - revision of VPIMv2 documents and [MDN & DSN](#)
 - documentation of interoperability
- Internet Voice Messaging (IVM)
 - Requirements/Goals
 - Critical Content
 - Codec
 - Core Specification
 - Message Context
 - IVM - VPIM v2 interworking
- VPIM Addenda
 - Addressing
 - ENUM Directory Profile
 - Client Behavior
 - [Notifications \(SIP MWI, SNAP\)](#)
 - [IMAP \(Binary, Channel\)](#)
 - Directory Schema
 - Calling Line ID

Possible Focus for Recharter of VPIM WG

- VPIM v2 progression to Full Standard
- VPIM Directory progression to Draft Standard
- VPIM Addressing progression to Draft Standard
- IVM progression to Draft Standard

- VPIM v2 Implementor's Guide

- Client Submission profiles for VPIM
 - Web browsers
 - 3rd party email clients

- Client Retrieval profiles for VPIM
 - Web browsers
 - Thin clients
 - Multimodal
 - Mobile