

VPIM Directory

Greg Vaudreuil

VPIM Routing

- No Open Issues
 - Based on RFC 2916, revise when ENUM revised
- Ready for WG Last call
 - May wait for VPIM LDAP Schema

VPIM Schema

- Several changes made
 - No more ASN.1
 - Schema now auxiliary to INETperson
- Many comments received after ID deadline
 - still to be incorporated
 - BNF fixes received... thanks.
- One major open issue
 - Support of two stage query?

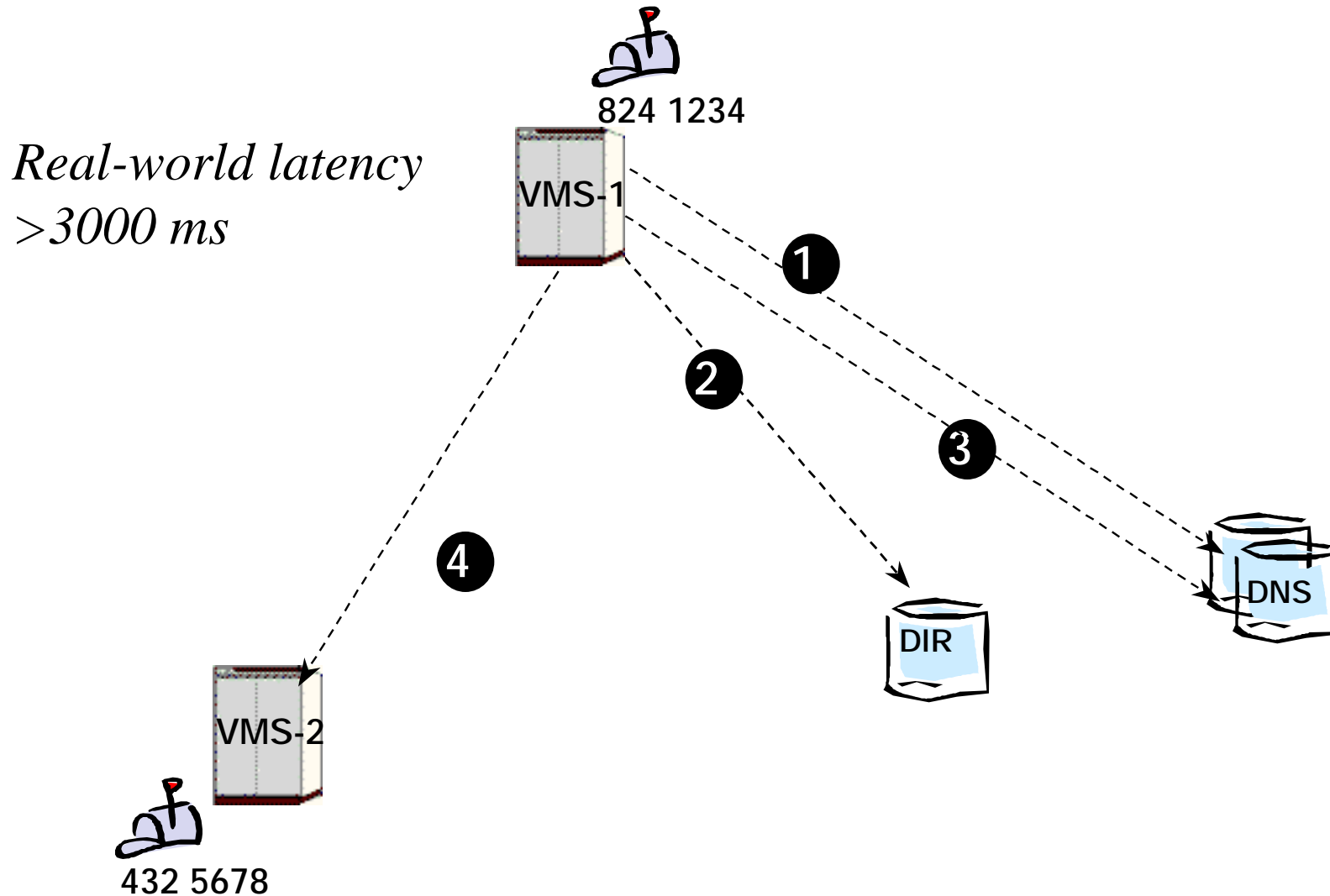
VPIM Schema

Two Stage Query

- Open Issue
 - Should we support an additional query mode for direct retrieval of spoken name and mailbox status directly from VM?
 - Pro: Easier to deploy in existing directories
smaller centralized DB
 - Con: Excessive latency, may require LDAP V3 referrals,
more options, more complex
 - Does support of two modes open interoperability problems?
 - Need to implement both modes on VMS

VPIM Schema

Two Stage Query



Two Stage Query Options

1. Application-layer referral
 - Define an additional attribute with URL of auxiliary directory server
2. Split schema into two objects, use LDAP V3 referral if second object on auxiliary server
 - Adds unnecessary latency for centralized case
3. Retain schema, use chaining
 - Preserves schema, complicates directory server?
 - Serious concerns about latency

Proposed VPIM Work

TUI profile for Internet Mail

- Need profile for TUI access to messages and submission of messages to message store
 - New functionality to match required functionality in private interfaces
- VPIM V2 addresses server-to-server, IVM addresses server to GUI client and GUI to GUI.

TUI Profile for message access

- Profile IMAP for TUI message access
 - Message Context in IMAP list, search
 - Channel+RTSP for streaming access to content?
 - Server-side transcoding request?
- Profile SMTP-Submit for Telephone Answering
 - Quota override, authentication
 - ISUP/ISDN parameters, callback number, non-mail user
 - Caller-ID block handling
 - Message forward without download of forwarded content
 - Server-side transcoding request?