

# **IVM Update**

IETF 52

Salt Lake City

December 2001

# Updates In General

- Attempt to reduce the number of SHOULDs and make them qualified MUSTs or MAYs
- Clients that support IVM MUST generate Message Context of Voice-Message
  - ▶ But MUST NOT require it on received messages
- DSN MAY be requested if delivery is important and it is possible to return status indications
  - ▶ Which it may well not be for real voicemail messages

# Updates About Critical Content

- If the message was created as voicemail it MUST include a Content Disposition of **CRITICAL**
- Additional body parts (such as the original voice message) MAY also be marked as **CRITICAL**
- MUST non-deliver the whole message if **CRITICAL** contents cannot be delivered and content criticality is supported

# Updates About Content

- MUST use audio/wav or audio/basic unless sender is aware recipient can handle other types
- MAY include spoken name
- When forwarding MUST preserve content type of audio body parts
  - ▶ Per discussion on the list as to whether the current behaviour of some User Agents is legal

# Updates to VPIM v2 Interoperability

- Added considerations for:
  - ▶ Handling VPIM v2 Content in an IVM Client
    - For UAs that can render VPIM v2 content without being VPIM v2 compliant
  - ▶ Dual Mode Clients
    - Able to process and generate VPIM v2 or IVM messages
      - Note: Making the choice is out of scope
  - ▶ Gateways
    - Doesn't (currently) list gateway requirements

# Updates for Gateway Requirements

- Possible list of Gateway Issues sent to the list
  - ▶ Should this be included in IVM?
  - ▶ Has it been reviewed?
  - ▶ Is it complete/accurate?
  - ▶ Are there any other recommendations to make?
  - ▶ Should it be updated for inclusion as an addendum?

# Updates to Other Sections

- Security Considerations
  - ▶ Added references to the security considerations sections of associated e-mail drafts