# MRCPv2
# Status
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# Status

- At version 02.
- Edits from the last meeting added.
- Support Added for
  - Speaker Identification
  - Speaker Verification.
  - Voice Enrolled grammars
  - Hotword Recognition.
  - Record with Endpointing
- Changed the message headers to specify the message length at a fixed offset from the beginning to simplify message parsing.
- Command Queuing

# Pending Document Updates

- Proxy support.
  - Need to add call flows describing how MRCP proxies would work.
  - Need to allow MRCP server/proxy to do a SIP re-INVITE and redirect the media as necessary.
  - Starting/Stopping media from the client to the server for a RECOGNIZE method.

# Open Issues

- NAT traversal for the MRCPv2 TCP control channel setup.

- Do we need an INTERMEDIATE-RECOG-RESULT

- Speech or hotword barge-in

  - Do we need another type of barge-in

- Multiple instances of a Header field Vs Single header field with multiple values

- Header field ranges Confidence-Threshold, Speed-Vs-Accuracy etc(0.0 – 1.0 or 0 – 100)

# Open Issues (contd.)

- Proposal to specify a fixed header with a vendor identifier and a vendor registry for the Recognizer context block.

- DTMF support and RFC 2833 support.

- Security support - sips: ? https? Digest ? SRTP?

- Define grammars one at a time.

- Pause-On-Barge-In ????

- SHOULD/MUST/MAY confusion!!

# Open Issues (contd.)

- OPTION commands for m-lines
- SIP Callee capability for resource description and capability.
- 3PCC model of connecting with the MRCPv2 server.