

# SDP: Session Description Protocol

draft-ietf-mmusic-rfc4566bis-14

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# Major updates since the IETF 91

- Major clean up, simplifications and fixes in Section 6 regarding the ABNF definitions of SDP attributes
- Simplifications in SDP Grammar (Section 9) (Thanks to Paul K.)
- Clean up of the line vs. field mess (Thanks to Keith D.)
- Editorial clean up based on Jonathan L.'s feedback
- Proposed IANA updates are still in a separate draft pending integration to 4566bis  
draft-begen-mmusic-rfc4566bis-iana-updates-01

# Outstanding Issues – a=ptime: and a=maxptime:

- Are these always integers?

- Paul K.'s suggestion:

One possibility would be to allow the use of decimal fractions only when the fractional part is non-zero. E.g.,

ptime-value = packet-time

packet-time = integer | non-zero-real

non-zero-real = (integer / "0") "." \* "0" integer

(Note that in SDP ABNF "integer" never starts with a "0".)

- This definition could also be used for framerate It would guarantee that values that are an integral number of milliseconds never have a fractional part, which would provide some compatibility with implementations that expect only integers

Could framerate be 0?

Do we want to give precision or range in the ABNF definition?

## Outstanding Issues – a=quality:

- Usage of this attribute seems to be only defined for video. What about other media types?
- Are fractional values allowed?
- The ABNF has to allow for value 0, at the moment it is not. Any objections?

# Outstanding Issues – RFC 5576 Attributes

- Should the source-level attributes defined in 5576 be included in the same new table structure in the IANA registry?
- We combine all the five “att-field” registries into one registry called “att-field” registry and use the following columns:

Name | Usage Level | Dependent on charset? | Reference

- Note that the mux-attributes draft will add one more column