



ERICSSON

Multiple RTP Sessions on a Single Lower- Layer Transport

CAPITALS

[draft-westerlund-avtcore-transport-multiplexing-04](#)

Magnus Westerlund / Ericsson

Colin Perkins / University of Glasgow

Status and Next Steps



- › Current version of the draft:
 - Implements a prefixed SHIM with 14-bit session ID field
 - Proposing to change DTLS-SRTP key-derivation for SRTP
 - › generate different keys for all used RTP sessions
 - › Based on a single hand-shake
 - Signalling an open issue due to “BUNDLE” discussion
- › Only multiplexing solution that supports multiple full RTP sessions on a single 5-tuple
- › Has been discussed and matured over several meetings
- › Agreement in Quebec City IETF to provide this solution in addition to documenting how to use multiple media within a single RTP session
- › Request adoption as AVTCORE working group draft

WXYZ[\]^_`abcdefg
hijklmnopqrstu
vwxyz0123456789
:;@AaBbCcDdEe
FfGgHhIiJjKkLl
MmNnOoPpQqRrSs
TtUuVvWwXxYyZz
{|}~&*+,-./:;<=>
?@AaBbCcDdEeFf
GgHhIiJjKkLlMm
NnOoPpQqRrSsTt
UuVvWwXxYyZz