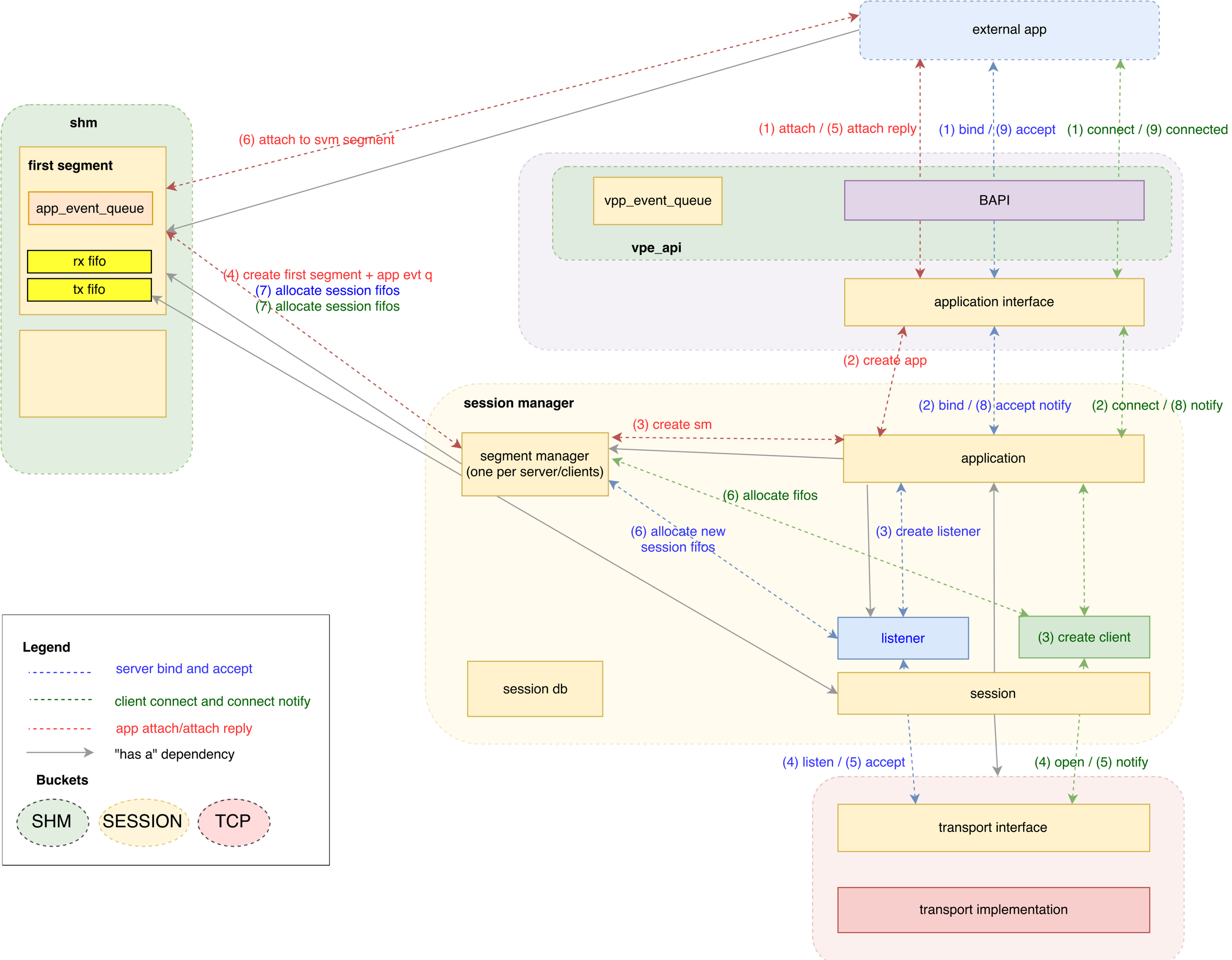
external app
shm
first segment
app_event_queue
rx fifo
tx fifo
(6) attach to svm segment
(4) create first segment + app evt q
(7) allocate session fifos
(7) allocate session fifos
(1) attach / (5) attach reply
(1) bind / (9) accept
(1) connect / (9) connected
vpp_event_queue
BAPI
vpe_api
application interface
(2) create app
session manager
(2) bind / (8) accept notify
(2) connect / (8) notify
(3) create sm
segment manager
(one per server/clients)
application
(6) allocate fifos
(6) allocate new
session fifos
(3) create listener
listener
(3) create client
session db
session
(4) listen / (5) accept
(4) open / (5) notify
transport interface
transport implementation
Legend
server bind and accept
client connect and connect notify
app attach/attach reply
"has a" dependency
Buckets
SHM
SESSION
TCP