For: Remote Multimedia Controller

We are given the following description:

Caasi Vosima organized a party last night to show is new high-tech house to his friends yet something went wrong with the multimedia player and the music was turned off.
It took some time to restart the music player and the party was like frozen for a moment. Caasi was able to recover some information collected just before the crash.

Help Caasi to find out what happened !

We have a file containing the traffic before the multimedia player crashed. We can order the packages based on their length, and we can find that a package has a length equal to ~4K. If we look to the content, we see a clear base64 message:

Vmxkd1NrNVhVbk5qUlZKU1ltdGFjRlJYZEhOaWJFNVhWR3RPV0dKVmJEWldiR1JyV1ZkS1Z
XRXphRnBpVkVaVFYycEtVMU5IUmtobFJYQlRUVmhDTmxZeFdtdGhhelZ5WWtWYWFWSlVi
RmRVVlZaYVRURmFjbFpyT1ZaV2JXUTJWa1pvYTFkck1YVlVhbHBoVWxack1GUlZaRXRqVm
xaMVZHMTRXRkpVUlRCWFdIQkdUbGRHY2s1VmFFOVdNWEJoV1Zkek1XSldaSFJPVm1Scl
ZsZDRXbFJWVm5wUVVUMDk=

We can decode it from base64 … but nothing. However, if you look carefully, the message is again a base64 encoding, so we might try to decode it again … and we still have a base64. We can decode the message several times, and after a while the flag is reached!

Good job ! You found the flag: INSA{TCP_s0ck3t_4n4lys1s_c4n_b3_fun!}