

nc chals.2025.chronos-security.ro 34900

CSCTF Programming — Practical Pack

Pick a challenge; deadlines enforce scripting:

- 1) Web logs (CLF): sum bytes for GET /api/v1/* with 200
- 2) Bytes: XOR aa-bb-... -> 2-digit hex
- 3) Base64 stream: decode EACH chunk, then concat
- 4) HMAC: HMAC-SHA256(key, token||salt) hex
- 5) JWT: compute HS256 signature (base64url, no padding) — return signature only
- 6) Binary TLV: type 0x42 varlen fragments -> string

> 6

Challenge 6 — TLV parse (varlen)

Budget: 18s. TLV hex stream below.

Type=0x42 value: [index(1)][len(1)][bytes(len)]. Indices are unique. Sort by index, concat bytes, decode ASCII, return string.

HEX:

42000502036e655f30000414eb45d1100004884e0a6e100003dea92a42000403026f6b3000
02be6520000464acad7c42000500037069704200050103656c69200003cf1d73100002f368

Answer: pipeline_ok

OK CSCTF{TL5_scr33n1ng_@}

~Z4que