

AFL

Team Lead – Divyanshu Shrivastava

Team –

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|---|-----------------------|--------|
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Test-instr

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Activities  Terminal  Dec 4 21:56
divyanshu@divyanshu-pc: ~/aft-2.52b

american fuzzy lop 2.52b (test-instr)

process timing      overall results
  run time : 0 days, 0 hrs, 0 min, 13 sec    cycles done : 90
  last new path : 0 days, 0 hrs, 0 min, 13 sec  total paths : 2
  last uniq crash : none seen yet             uniq crashes : 0
  last uniq hang : none seen yet              uniq hangs : 0

cycle progress
now processing : 0 (0.00%)
paths timed out : 0 (0.00%)

map coverage
  map density : 0.00% / 0.01%
count coverage : 1.00 bits/tuple

stage progress
now trying : havoc
stage execs : 210/256 (82.03%)
total execs : 48.8k
exec speed : 3516/sec

findings in depth
  favored paths : 2 (100.00%)
  new edges on : 2 (100.00%)
  total crashes : 0 (0 unique)
  total tmouts : 0 (0 unique)

fuzzing strategy yields
  bit flips : 0/64, 0/62, 0/58
  byte flips : 0/8, 0/6, 0/2
  arithmetics : 1/448, 0/0, 0/0
  known ints : 0/47, 0/168, 0/88
  dictionary : 0/0, 0/0, 0/0
               havoc : 0/47.6k, 0/0
               trim : 99.52%/16, 0.00%

path geometry
  levels : 2
  pending : 0
  pend fav : 0
  own finds : 1
  imported : n/a
  stability : 100.00%

[cpu000: 55%]
```

trial1.c

Activities Terminal ▾ Dec 4 21:59

divyanshu@divyanshu-pc: ~/afl-2.52b

american fuzzy lop 2.52b (trial1)

| | | | |
|--|--|----------------------------------|--|
| process timing | | overall results | |
| run time : 0 days, 0 hrs, 0 min, 11 sec | | cycles done : 65 | |
| last new path : 0 days, 0 hrs, 0 min, 11 sec | | total paths : 2 | |
| last uniq crash : none seen yet | | uniq crashes : 0 | |
| last uniq hang : none seen yet | | uniq hangs : 0 | |
| cycle progress | | map coverage | |
| now processing : 0 (0.00%) | | map density : 0.00% / 0.01% | |
| paths timed out : 0 (0.00%) | | count coverage : 1.00 bits/tuple | |
| stage progress | | findings in depth | |
| now trying : havoc | | favored paths : 2 (100.00%) | |
| stage execs : 236/256 (92.19%) | | new edges on : 2 (100.00%) | |
| total execs : 36.0k | | total crashes : 0 (0 unique) | |
| exec speed : 2969/sec | | total tmouts : 0 (0 unique) | |
| fuzzing strategy yields | | path geometry | |
| bit flips : 1/64, 0/62, 0/58 | | levels : 2 | |
| byte flips : 0/8, 0/6, 0/2 | | pending : 0 | |
| arithmetics : 0/448, 0/0, 0/0 | | pend fav : 0 | |
| known ints : 0/49, 0/168, 0/88 | | own finds : 1 | |
| dictionary : 0/0, 0/0, 0/0 | | imported : n/a | |
| havoc : 0/34.8k, 0/0 | | stability : 100.00% | |
| trim : 99.52%/16, 0.00% | | | |

[cpu000: 59%]

Trial2.c

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Activities Terminal Dec 4 22:01 divyanshu@divyanshu-pc: ~/afl-2.52b

american fuzzy lop 2.52b (trial2)

process timing
  run time : 0 days, 0 hrs, 0 min, 18 sec
  last new path : 0 days, 0 hrs, 0 min, 0 sec
  last uniq crash : 0 days, 0 hrs, 0 min, 2 sec
  last uniq hang : none seen yet

overall results
  cycles done : 0
  total paths : 39
  uniq crashes : 1
  uniq hangs : 0

cycle progress
  now processing : 14 (35.90%)
  paths timed out : 0 (0.00%)

map coverage
  map density : 0.40% / 0.82%
  count coverage : 2.58 bits/tuple

stage progress
  now trying : havoc
  stage execs : 6944/32.8k (21.19%)
  total execs : 59.2k
  exec speed : 3122/sec

findings in depth
  favored paths : 17 (43.59%)
  new edges on : 25 (64.10%)
  total crashes : 1 (1 unique)
  total tmouts : 0 (0 unique)

fuzzing strategy yields
  bit flips : 7/448, 7/435, 3/409
  byte flips : 0/56, 0/43, 0/17
  arithmetics : 8/3127, 0/16, 0/0
  known ints : 0/350, 0/1204, 0/748
  dictionary : 0/0, 0/0, 0/0
  havoc : 10/45.1k, 0/0
  trim : 98.12%/20, 0.00%

path geometry
  levels : 5
  pending : 27
  pend fav : 7
  own finds : 38
  imported : n/a
  stability : 100.00%

[cpu000: 57%]
```