Checkpoint X

p7zip

Arnav Nidumolu, Atharva Kale, Pascal von Fintel, Patrick Negus Checkpoint X 2023-XX-XX

Checkpoint 1

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- Overview of the Target
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```
american fuzzy lop ++4.07a {variant-afl-asan} (.../Alone2/_o/bin/7zz) [fast]
 process timing
                                                        overall results
        run time : 5 days, 0 hrs, 20 min, 29 sec
                                                        cycles done : 3
  last new find : 0 days, 0 hrs, 5 min, 0 sec
                                                       corpus count : 8151
last saved crash : 0 days, 3 hrs, 27 min, 15 sec
                                                      saved crashes : 289
                                                        saved hangs: 11
last saved hang: 0 days, 0 hrs, 14 min, 18 sec
 cycle progress -
                                        map coverage
 now processing : 7313.63 (89.7%)
                                           map density : 5.57% / 27.89%
 runs timed out : 0 (0.00%)
                                        count coverage : 5.67 bits/tuple
- stage progress
                                        findings in depth
                                        favored items : 843 (10.34%)
 now trying : splice 15
stage execs : 5/12 (41.67%)
                                         new edges on: 1578 (19.36%)
total execs : 9.02M
                                        total crashes : 11.4k (289 saved)
 exec speed : 35.04/sec (slow!)
                                         total tmouts : 25 (0 saved)
 fuzzing strategy yields
                                                       item geometry
  bit flips : disabled (default, enable with -D)
                                                         levels: 9
 byte flips : disabled (default, enable with -D)
                                                        pending: 3640
arithmetics : disabled (default, enable with -D)
                                                       pend fav: 3
 known ints : disabled (default, enable with -D)
                                                      own finds : 1617
 dictionary : n/a
                                                       imported : 6369
havoc/splice : 616/1.56M, 1282/4.63M
                                                      stability : 61.35%
py/custom/rq : unused, unused, unused, unused
    trim/eff : 6.78%/2.75M, disabled
                                                               [cpu001: 50%]
```

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```
american fuzzy lop ++4.07a {main-afl-} (...Bundles/Alone2/_o/bin/7zz) [fast]
 process timing
                                                        overall results -
       run time : 5 days, 0 hrs, 16 min, 37 sec
                                                        cycles done : 171
  last new find : 0 days, 0 hrs, 0 min, 3 sec
                                                       corpus count : 11.3k
last saved crash : none seen yet
                                                      saved crashes : 0
last saved hang : 0 days, 0 hrs, 13 min, 57 sec
                                                        saved hangs: 40
- cycle progress —
                                        map coverage
 now processing : 11.3k.0 (99.7%)
                                           map density : 1.01% / 6.76%
 runs timed out : 0 (0.00%)
                                        count coverage : 5.10 bits/tuple
 stage progress
                                        findings in depth
 now trying : havoc
                                        favored items : 1016 (8.97%)
 stage execs : 4446/8000 (55.58%)
                                        new edges on: 1830 (16.16%)
 total execs : 207M
                                        total crashes : 0 (0 saved)
 exec speed: 667.6/sec
                                         total tmouts : 293 (0 saved)
 fuzzing strategy yields
                                                      item geometry
  bit flips : disabled (default, enable with -D)
                                                         levels : 44
 byte flips : disabled (default, enable with -D)
                                                        pending: 558
                                                       pend fav : 9
 arithmetics : disabled (default, enable with -D)
 known ints : disabled (default, enable with -D)
                                                      own finds: 11.0k
                                                       imported : 117
 dictionary : n/a
havoc/splice : 6716/76.6M, 4317/130M
py/custom/rq : unused, unused, unused, unused
    trim/eff : disabled, disabled
                                                               [cpu000: 83%]
```