|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Stack | | line number 55 | 56/57 | 75 | 81 | 29 | 30 | 52 | 53 | 82 |
| 0xdeadbeef | %rbp | | %rsp | %rbp |  |  |  |  | %rbp |  |  |
| -8 | 8 | |  |  |  |  |  |  |  |  |  |
| -16 | 7 | |  |  |  |  |  |  |  |  |  |
| -24 | 6 | |  |  |  |  |  |  |  |  |  |
| -32 | 5 | |  |  |  |  |  |  |  |  |  |
| -40 | 4 | |  |  |  |  |  |  |  |  |  |
| -48 | 3 | |  |  |  |  |  |  |  |  |  |
| -56 | 2 | |  |  |  |  |  |  |  |  |  |
| -64 | 1 | argc |  |  |  |  |  |  |  |  |  |
| -72 |  | |  |  |  |  |  |  |  |  |  |
| -80 | argv | |  | %rsp |  |  |  |  |  |  | %rsp |
|  | 8 | |  |  |  |  |  |  |  |  |  |
|  | 7 | |  |  | %rsp |  |  |  |  | %rsp |  |
|  | ret | |  |  |  | %rsp |  |  | %rsp |  |  |
|  | 0xdeadbeef | |  |  |  |  | %rbp | %rsp |  |  |  |
|  | 1 | |  |  |  |  |  |  |  |  |  |
|  | 2 | |  |  |  |  |  |  |  |  |  |
|  | 3 | |  |  |  |  |  |  |  |  |  |
|  | 4 | |  |  |  |  |  |  |  |  |  |
|  | 5 | |  |  |  |  |  |  |  |  |  |
|  | 6 | |  |  |  |  |  |  |  |  |  |