OpenEuler kdump

- 在 `/etc/sysconf/kdump` 种cmdline参数加上 `root=/dev/vda` ,crash kernel就成功boot了。。。。😂

生成在规定目录的vmcore

- 用crash查看vmcore，好像没什么反应。。。

- kernel debug related config

→ Kernel hacking → Compile-time checks and compiler options → Search (DEBUG_INFO)
Search Results

```
Symbol: DEBUG_INFO [=y]
Type  : bool
Defined at lib/Kconfig.debug:227
Selected by [y]:
  - DEBUG_INFO_DWARF4 [=y] && <choice> && (!CC_IS_CLANG [=n] || AS_IS_LLVM [=n] || AS_IS_GNU [=y] && AS_VERSION [=23900]>=2350
Selected by [n]:
  - DEBUG_INFO_DWARF_TOOLCHAIN_DEFAULT [=n] && <choice> && (!CC_IS_CLANG [=n] || AS_IS_LLVM [=n] || CLANG_VERSION [=0]<140000
  - DEBUG_INFO_DWARF5 [=n] && <choice> && (!CC_IS_CLANG [=n] || AS_IS_LLVM [=n] || AS_IS_GNU [=y] && AS_VERSION [=23900]>=2350


Symbol: DEBUG_INFO_BTF [=n]
Type  : bool
Defined at lib/Kconfig.debug:375
  Prompt: Generate BTF typeinfo
  Depends on: DEBUG_INFO [=y] && !DEBUG_INFO_SPLIT [=n] && !DEBUG_INFO_REDUCED [=n] && (!GCC_PLUGIN_RANDSTRUCT [=n] || COMPILE
  Location:
    -> Kernel hacking
      -> Compile-time checks and compiler options
  (1)     -> Generate BTF typeinfo (DEBUG_INFO_BTF [=n])


Symbol: DEBUG_INFO_BTF_MODULES [=n]
Type  : bool
Defined at lib/Kconfig.debug:406
  Depends on: DEBUG_INFO [=y] && DEBUG_INFO_BTF [=n] && MODULES [=y] && PAHOLE_HAS_SPLIT_BTF [=y]


Symbol: DEBUG_INFO_COMPRESSED_NONE [=y]
Type  : bool
Defined at lib/Kconfig.debug:323
  Prompt: Don't compress debug information
  Depends on: <choice>
  Location:
    -> Kernel hacking
      -> Compile-time checks and compiler options
        -> Compressed Debug information (<choice> [=y])
  (2)       -> Don't compress debug information (DEBUG_INFO_COMPRESSED_NONE [=y])


Symbol: DEBUG_INFO_COMPRESSED_ZLIB [=n]
Type  : bool
Defined at lib/Kconfig.debug:328
  Prompt: Compress debugging information with zlib
  Depends on: <choice>
  Location:
    -> Kernel hacking
      -> Compile-time checks and compiler options
        -> Compressed Debug information (<choice> [=y])
  (3)       -> Compress debugging information with zlib (DEBUG_INFO_COMPRESSED_ZLIB [=n])


Symbol: DEBUG_INFO_COMPRESSED_ZSTD [=n]
Type  : bool
Defined at lib/Kconfig.debug:343
  Prompt: Compress debugging information with zstd
  Depends on: n
  Location:
    -> Kernel hacking
      -> Compile-time checks and compiler options
  (4)     -> Compressed Debug information (<choice> [=y])
          -> Compress debugging information with zstd (DEBUG_INFO_COMPRESSED_ZSTD [=n])


Symbol: DEBUG_INFO_DWARF4 [=y]
Type  : bool
Defined at lib/Kconfig.debug:270
  Prompt: Generate DWARF Version 4 debuginfo
  Depends on: <choice> && (!CC_IS_CLANG [=n] || AS_IS_LLVM [=n] || AS_IS_GNU [=y] && AS_VERSION [=23900]>=23502)
  Location:
    -> Kernel hacking
      -> Compile-time checks and compiler options
        -> Debug information (<choice> [=y])
  (5)       -> Generate DWARF Version 4 debuginfo (DEBUG_INFO_DWARF4 [=y])
Selects: DEBUG_INFO [=y]


Symbol: DEBUG_INFO_DWARF5 [=n]
Type  : bool
Defined at lib/Kconfig.debug:282
  Prompt: Generate DWARF Version 5 debuginfo
  Depends on: <choice> && (!CC_IS_CLANG [=n] || AS_IS_LLVM [=n] || AS_IS_GNU [=y] && AS_VERSION [=23900]>=23502 && AS_HAS_NON_
  Location:
    -> Kernel hacking
      -> Compile-time checks and compiler options
        -> Debug information (<choice> [=y])
  (6)       -> Generate DWARF Version 5 debuginfo (DEBUG_INFO_DWARF5 [=n])
Selects: DEBUG_INFO [=y]


Symbol: DEBUG_INFO_DWARF_TOOLCHAIN_DEFAULT [=n]
Type  : bool
Defined at lib/Kconfig.debug:258
  Prompt: Rely on the toolchain's implicit default DWARF version
  Depends on: <choice> && (!CC_IS_CLANG [=n] || AS_IS_LLVM [=n] || CLANG_VERSION [=0]<140000 || AS_IS_GNU [=y] && AS_VERSION [
  Location:
    -> Kernel hacking
      -> Compile-time checks and compiler options
        -> Debug information (<choice> [=y])
  (7)       -> Rely on the toolchain's implicit default DWARF version (DEBUG_INFO_DWARF_TOOLCHAIN_DEFAULT [=n])
Selects: DEBUG_INFO [=y]


Symbol: DEBUG_INFO_NONE [=n]
Type  : bool
Defined at lib/Kconfig.debug:252
  Prompt: Disable debug information
  Depends on: <choice>
  Location:
    -> Kernel hacking
      -> Compile-time checks and compiler options
        -> Debug information (<choice> [=y])
  (8)       -> Disable debug information (DEBUG_INFO_NONE [=n])


Symbol: DEBUG_INFO_REDUCED [=n]
Type  : bool
Defined at lib/Kconfig.debug:303
  Prompt: Reduce debugging information
  Depends on: DEBUG_INFO [=y]
  Location:
    -> Kernel hacking
      -> Compile-time checks and compiler options
  (9)     -> Reduce debugging information (DEBUG_INFO_REDUCED [=n])
```

(92%)

< Exit >

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